Stuttgarter Beiträge zur Naturkunde
Serie A (Biologie)

Herausgeber:

Staatliches Museum für Naturkunde, Rosenstein 1, D-70191 Stuttgart

Stuttgarter Beitr. Naturk.	Ser. A	Nr. 657	78 S., 65 Abb., 2 Tab.	Stuttgart, 31. XII. 2003

The Lepidoptera type material of G. A. W. Herrich-Schäffer in the Staatliches Museum für Naturkunde, Stuttgart

Christoph L. Häuser, Daniel Bartsch, Joachim Holstein & Axel Steiner

Abstract

This paper presents an annotated and illustrated catalogue of nominal species-group taxa named by G. A. W. Herrich-Schäffer in his serial publication "Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge" (1850–1858) for which type material and original specimens have recently been identified in the collections of the SMNS. The identity of the hitherto unrecognised type specimens, mostly originating from South Africa and Surinam, could be established by original information provided by Herrich-Schäffer on the wrappers of the separately published coloured plates of the work; information which was not repeated in the main text. The printed text on the wrappers constituting an important part of the original description by Herrich-Schäffer has implications for the original generic combination and date of publication of several nominal taxa, which are discussed.

For 55 nominal taxa representing 14 Lepidoptera families, syntype specimens could be identified in the SMNS collection. For another five taxa described by other authors and depicted by Herrich-Schäffer in the work, the figured specimens could also be located and are listed. For 19 named taxa also supposedly based on SMNS material, no type specimens have been found. All taxa are treated in the catalogue with full bibliographic citations, their type specimens illustrated in colour, and with their taxonomic history and current systematic placement given. The paper also includes some historic remarks about August Kappler, Ferdinand Krauss, and Carl von Ludwig, as the main suppliers of the specimens concerned, and the early curation of the SMNS Lepidoptera collection.
Keywords: Herrich-Schäffer, type material, Lepidoptera, SMNS.

Zusammenfassung

Es wird ein kommentierter und illustrierter Katalog der nominellen Artgruppen-Taxa vorgelegt, die in G. A. W. Herrich-Schäffers Werk „Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge" (1850–1858) beschrieben worden sind und für die kürzlich Typenmaterial in der Sammlung des SMNS identifiziert werden konnte. Die Identität dieser bislang unerkannten Typusexemplare, die überwiegend aus Südafrika und Surinam stammen, konnte erst erkannt werden, als die Umschläge der in einzelnen Lieferungen erschienenen Farbtafeln untersucht wurden. Auf diesen Umschlägen – die den meisten gebundenen Exemplaren des Werks fehlen – befinden sich nicht nur Angaben über den Verbleib der Exemplare, sondern sie enthalten auch die Namen der Taxa in der ursprünglichen Kombination und repräsentieren zusammen mit den Tafeln die Urbeschreibung, da die Texte zu den Tafeln meist erst Jahre später erschienen.

SHOUT
SHARE
IT

In der Sammlung des SMNS konnten Syntypen für 55 nominelle Taxa aus 14 Lepidopteren-Familien identifiziert werden. Weitere fünf von anderen Autoren beschriebene und von HERRICH-SCHÄFFER behandelte Taxa, deren abgebildete Exemplare sich in der Sammlung befinden, werden ebenfalls aufgelistet. 19 Taxa, die nach Stuttgarter Material beschrieben worden sind, waren nicht mehr aufzufinden. Alle Taxa werden mit vollständigen bibliographischen Angaben aufgeführt, ihre Typusexemplare farbig abgebildet und ihre historische und aktuelle systematische Einordnung angegeben. Zusätzlich werden einige historische Angaben über die Sammler AUGUST KAPPLER, FERDINAND KRAUSS und CARL VON LUDWIG gemacht, von denen die meisten der behandelten Falter stammen, sowie über die Anfänge der Lepidopteren-Sammlung am SMNS.

Contents

1 Introduction 2
2 The work of HERRICH-SCHÄFFER 4
3 The material 9
4 Catalogue 11
4.1 General 11
4.2 Somabrachyidae (Zygaenoidea) 12
4.3 Zygaenidae (Zygaenoidea) 12
4.4 Castniidae (Sesioidea) 14
4.5 Cossidae (Cossoidea) 14
4.6 Lycaenidae (Papilionoidea) 15
4.7 Riodinidae (Papilionoidea) 17
4.8 Hedylidae (Hedyloidea) 25
4.9 Uraniidae (Geometroidea) 25
4.10 Geometridae (Geometroidea) 26
4.11 Eupterotidae (Bombycoidea) 29
4.12 Saturniidae (Bombycoidea) 31
4.13 Sphingidae (Bombycoidea) 57
4.14 Notodontidae (Noctuoidea) 59
4.15 Noctuidae (Noctuoidea) 60
4.16 Arctiidae (Noctuoidea) 67
4.17 Lymantriidae (Noctuoidea) 69
5 References 74

1 Introduction

GOTTLIEB AUGUST WILHELM HERRICH-SCHÄFFER (18.XII.1799–14.IV.1874) was one of the most influential European lepidopterists not just for his time, but probably for the entire 19th century. In over 40 publications he described and named more than 600 Lepidoptera taxa, and he produced a first modern comprehensive classification for the entire order Lepidoptera (HERRICH-SCHÄFFER, 1864–1871). Most of his life he spent working as a physician in Regensburg, Germany, where he also founded the local "Zoologisch-mineralogischer Verein" [the Zoological-Mineralogical Society] which published the "Correspondenzblatt des zoologisch-mineralogischen Vereins", a well-known natural history journal at the time. For acquiring means to support his entomological studies, he kept his own publications on sale but also traded in specimens and other literature. Further details about HERRICH-SCHÄFFER's life and entomological work can be obtained in HEMMING (1937), HOFMANN (1874), HORN (1937: 404–406), and KRAATZ (1875).

As is the case with many eminent entomologists of the 19th century, the whereabouts and current depository of the type specimens of many taxa described by HERRICH-SCHÄFFER are largely unknown, because following his death his private

collection was not left intact or presented to a museum but sold and split apart. Consequently, only few type specimens of the taxa named by HERRICH-SCHÄFFER are presently known to exist or have yet been identified. According to HORN et al. (1990: 168), the major part of HERRICH-SCHÄFFER's Lepidoptera collection was sold via the well known company of "STAUDINGER & BANG-HAAS" at Dresden, and consequently the existing original material now is spread between many different institutions, and for many taxa described by HERRICH-SCHÄFFER the type material still remains unaccounted for. A number of butterfly type specimens and originals from HERRICH-SCHÄFFER's collection exist in the Museum für Naturkunde der Humboldt Universität, Berlin, as part of the STAUDINGER collection (pers. observation C. HÄUSER and G. LAMAS). A large number of the Lepidoptera taxa described and illustrated by HERRICH-SCHÄFFER in his publications, however, was not based on material from his own collection, but on specimens which he had examined in other collections or obtained on loan for study, a practise already commonplace in his days. This was especially the case with the taxa he described in his work "Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge" [Collection of new or little known extra-European Lepidoptera], which was published in 33 separate issues between 1850 and 1869.

Through a combination of detailed bibliographical research and favourable circumstances it could recently be established that a good part of the taxa described in this work, particularly those which had originated from Surinam and South Africa, were based on material of the former "Königlich Württembergisches Naturalienkabinett Stuttgart", now the Staatliches Museum für Naturkunde, Stuttgart. In consequence, a fair number of type specimens of those taxa could be identified in the collections of SMNS. This paper presents a catalogue of all taxa named or illustrated by HERRICH-SCHÄFFER presumably based on SMNS material, and provides information about the respective type specimens or originals that could be identified in the SMNS collection.

Acronyms of depositories

BMNH	Natural History Museum, London, United Kingdom
SMNS	Staatliches Museum für Naturkunde, Stuttgart, Germany
MNHU	Museum für Naturkunde, Humboldt Universität, Berlin, Germany

Acknowledgements

We are grateful to the colleagues who gave advice on the current status of a number of taxa, helped in gaining access to libraries or provided literature: REINHARD GAEDIKE (Deutsches Entomologisches Institut, ZALF, Eberswalde, Germany), GERARDO LAMAS (Museo de Historia Natural, Lima, Peru), WOLFRAM MEY (Museum der Humboldt-Universität, Berlin, Germany), WOLFGANG NÄSSIG (Senckenberg-Museum, Frankfurt a. M., Germany), ROLF OBERPRIELER (CSIRO, Canberra, Australia), CAMPBELL SMITH (BMNH library, Entomological Department, London, UK), and ROBERT TRUSCH (Staatliches Museum für Naturkunde, Karlsruhe, Germany).

Financial support for this study was provided by a grant (01LC9904) within the BIOLOG program from the German Federal Ministry of Education and Research (BMBF) for a project to establish a digital, web-based information system of primary butterfly type specimens in German public institutions (Globales Artenregister Tagfalter – GART: http://www.insects-online.de/gartfron.htm), which is also gratefully acknowledged.

2 The work of HERRICH-SCHÄFFER

The "Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge" provided mostly coloured illustrations of new and recently described species of Macrolepidoptera, and was published in parts which appeared in irregular intervals, for the first volume between 1850 and 1858. By that time HERRICH-SCHÄFFER had become disillusioned by the high costs for the colour illustrations, the low sales, and the critical or indifferent opinions of some fellow entomologists, and decided to discontinue the work (HERRICH-SCHÄFFER 1850–1858, pp. 53–54, footnote "Anmerkung"). However, eleven years later in 1869, his enthusiasm seems to have been refreshed and he published one further part of the work, optimistically announced as "Zweiter Band, Lieferung 1" [Second volume, part 1]. In the last sentence of the foreword for the new volume HERRICH-SCHÄFFER (1869a: 2) stated: "Das Erscheinen weiterer Hefte, zu welchen bereits eine bedeutende Anzahl Originalbilder interessanter Arten angefertigt sind, hängt von dem Absatze dieses ersten Heftes ab." [The publication of further parts, for which a considerable number of original figures of interesting species has already been produced, will depend on the sales of this first part]. No further parts of his work are known to have been published (see also FLETCHER 1979: XII-XIV).

Initially the work was intended to form two "Serien" [series], one dedicated to butterflies (Rhopalocera) and one to the macro-moths (Heterocera). For the first volume published from 1850 to 1858, altogether 32 "Hefte" [parts] were issued of which 6 parts contained 24 coloured plates with butterflies, and 26 parts contained 96 coloured plates depicting moths. The additional second volume, "Heft 1" of 1869 included only 4 plates of butterflies depicting species in colour that had already been published by HERRICH-SCHÄFFER in black and white (HERRICH-SCHÄFFER 1869b), 3 plates of moths, and 4 pages of text. For most of the taxa illustrated and named in the work, there is no descriptive text at all. HERRICH-SCHÄFFER repeatedly stated that he deemed it unnecessary to describe well illustrated taxa in words: "Eine Beschreibung der Arten, namentlich eine nach Art HEWITSON's zu seinen Exotic Butterflies, halte ich für ganz überflüssig." [I consider a description of the species, especially one in the manner of HEWITSON in his *Exotic Butterflies*, quite superfluous.] (l.c., p. 54).

For the first volume, the plates were usually not accompanied by pages with text. Each part, however, was apparently issued with a separate wrapper on which the figure numbers and names of the illustrated species as well as additional information like the sex, the country of origin, and the source or depository of the specimens was printed, presumably on the inside. On the plates, the figures themselves were identified only by consecutive numbers, but no numbers were given for the plates. The only pages of text (pp. 53–84) directly relating to the figures were published in 1858, together with the last plates, in a "Schlussheft" [final issue]. These include two lists of the figured taxa, one in systematic arrangement, and one in chronological order, arranged by numbers as published. The first part of the text (pp. 1–52) had been published in 1856, and contains a treatment of the higher systematics of the Heterocera for which the illustrated specimens were meant to serve as a representative selection. In the text, several new generic names were also introduced.

The list of contents for each part as given on the wrappers matches directly the information given on pp. 53–84 of the printed text, except for the indication of the

XXI.

98. *Jana Eurymas Boisd.* *Sierra Leone.* *Collect. Stuttgardt.*
99. — *Tantalus* — — — *coll. m.*
100. — — *var?* — — *coll. Stuttg.*

XXII.

101. *Sphinx Solani Boisd.* *Madagasc.* — —
102. *Ambulyx Eurycles Boisd.* *Surinam* — —
103. *Sphinx pellenia Boisd.* *Am aequin.* *coll. m.*

XXIII.

104. *Chaerocampa Orpheus Boisd.* *Cap.* *coll. Stuttg.*
105. *Lophura Zantus Boisd.* — — —
106. *Perigonia stulta Boisd.* *Surin.* — —
107. *Macroglossa Gilia Boisd.* — *coll. m.*
108. *Thyreus Lyctus Cr. maris var. Bd.* *Cayenne* — —

XXIV.

109. *Liparis adspersa m.* *Port Natal.* *coll. Stuttg.*
110. — *crocicollis Bd.* *Cap* — —
111. — *dealbata Bd.* *Port. Natal* — —
112. — *crocata Bd.* *Cap* — —
113. — *picta Bd.* *Cap.* — —
114. *Orgya Dregei Bd.* *Cap.* — —

Fig. 1. Wrapper of plates 21–24 of "Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge".

source of the illustrated specimens, which appeared only on the wrappers. As the text pages appeared several years after the plates, they often give new generic combinations and even new synonymies for some of the taxa illustrated, but regrettably contain no further information about localities of origin and source of the material (for comparison of a wrapper and text, see Figs. 1–3). For ascertaining the status and identity of the type material of all nominal taxa described in this work, the original wrappers are thus the main source of information, and it was essentially the indication given on the wrappers that led to the location and identification of the HERRICH-SCHÄFFER type specimens present in SMNS.

The wrappers also constitute an essential part of the original description of the new nominal taxa described by HERRICH-SCHÄFFER, as without these lines of text the publication of the plates, which lack text and only contain numbers, would not qualify for rendering any new name available according to the ICZN. As the plates preceded the published text often by several years, the date of publication for the plates can only be accepted as the date of publication for the respective nominal taxa by also considering the wrapper as part of that publication. The plates and the accompanying wrapper together, thus, constitute in most cases the original publication, a fact that has not been fully acknowledged previously. Further complications have been caused by the fact that in many cases it is not clear from the original description (i.e. the plate + wrapper) whether the name indicated for a taxon was meant to be introduced by HERRICH-SCHÄFFER himself or whether it was a name already published by another author. In a number of cases HERRICH-SCHÄFFER originally attributed names to either "Bd." / "Boisd." [= BOISDUVAL], "Kad." [= KADEN],

Jana Bd. *eurymas* H-S. f. 98. — *Wlk.* Bb. 910. — *Port. Natal.*
tantalus Bd. — f. 99. 100. — *Wlk.* Bb. 911. — *Port. Natal.*

Coryphyala H-S
orbigera H-S. f. 532 — *Bras.*

Euproctis HV. — *Aroa Walk.*
limbalis H-S. f. 389. — *Urocoma boeckeae* Bd. in litt. — *Neuholl.*
semiochrea H-S. f. 398. — *Orgyia diemenii* Bd. in litt. — *Neuholl.*
crocata H-S. f. 112 (*Aroa Walk.* Bb. 793.) — *Port. Natal.*

Laelia Stph.
nobilis H-S. f. 388. — *Orgyia venusta* Bd. in litt. — *Afr. mer.*
dealbata H-S. f. 111. — (*Leucoma Walk.* Bb. 880). *Port. Natal.*
adspersa H-S. f. 109. — (*Aroa Walk.* Bb. 793). — *Port. Natal.*

Gynophora HV.
tephra Hbn. — H-S. f. 387. — *Walk.* Bb. 869. — *Cap.*

Hypogymna HV. — *Antiphella Wlk.*
crocicollis H-S. f. 110. — *Wlk.* Bb. 1744 — *Port. Natal.*

Darala Wlk. — *Ommatoptera* H-S. — *Baeodromus et Laranda* Bd. in litt.
ocellata Wlk. Bb. 887. — H-S. f. 506. 507. *tetrophthalma.* — *Van Diem.*
ferruginea Wlk. Bb. 890. — H-S. f. 508. *diophthalma.* — *myrti* Bd. in litt. — *Van Diem.*
adusta Wlk. Bb. 897. — H-S. f. 386. *Laelia australasiae.* — *eucalypti* Bd. in litt. — *Van Diem.*

Orgyia O.
dregei H-S. f. 114. — *Wlk.* Bb. 786. — *Cap.*
tricolor H-S. f. 472. — *phineus* Bd. in litt. — *Cap.*

Lacipa Walk.
picta H-S. f. 113. — *Wlk.* Bb. 790. — Cap.

Aganaidea m. (*Aganaides* Bd.)
Walker setzt die hieher gehörigen Arten in sein *Genus* 65. *Hypsa*, welchen Namen er aus HV. entlehnt. Andere Arten führt HV. unter den Gattungen *Damalis*, *Euplocia* und *Neochaera* auf. Da aber Boisduval zuerst die Gruppe aufstellte, so hat auch sein Name zu bleiben. — Walker theilt seine Gattung *Hypsa* in 9 Gruppen, denen er die Namen *Peridrome*, *Anania*, *Euplocia* HV., und *Hypsa* HV., *Aspa*, *Damalis* HV., *Lacides*, *Philona*, *Petalia* gibt.

Aganopis m. — *Hypsa* Walk. Da in HV. die hieher gehörige Art gar nicht steht, so ist der Hübnerische Name mit Unrecht hieher verwendet.

orbicularis Walk. Bb. 445. — *Aganopis subquadrata* H-S. f. 501. 502. — Aus *Silhet.*

Eriocrypta m. — *Hypsa* Walk. (Walker beschreibt die von mir hieher gezogene Art als muthmassliches Weib der vorigen. Ich kann darüber nicht urtheilen).

Aganais Bd. Die Zerfällung in so viele Gattungen als Walker macht, scheint mir unnöthig und desshalb der Name Boisduvals beizubehalten.
borbonica Bd. *Madag.* pl. 15. 1. — H-S. f. 120. *mas.* — 118 *foem.* — *Wlk.* Bb. 458. — *Ins. Bourb.*
jodamia Bd. in litt. — H-S. f. 119. — *Austral.*

Fig. 2. Text (p. 70) of "Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge", from the chapter "Systematisches Verzeichniss der in diesem Werke gelieferten Arten" [Systematic index of the species figured in this work].

"Mori[t]z" [= MORITZ], or "Westw." [= WESTWOOD], although these names had not yet been or would never be published by those authorities. In one of the text chapters ("Systematisches Verzeichniss der in diesem Werke gelieferten Arten" [Systematic index of the species figured in this work]) this was usually repeated while in the other chapter ("Verzeichniss der in diesem Werke gelieferten Arten nach der Reihenfolge ihrer Veröffentlichung" [Index of species figured in this work in order of

79

99. *Jana tantalus* H-S.
100. - *id. var.*
101. *Sphinx solani* H-S. — *Macrosila* Bd.
102. *Ambulyx Eurycles* H-S. — *euricles.*
103. *Sphinx pellenia* H-S. — *Chaerocampa Dup.*
104. *Chaerocampa orpheus* H-S.
105. *Lophura zantus* H-S
106. *Perigonia stulta* H-S. — *sec. Walk. lusca.*
107. *Macroglossa gilia* H-S.
108. *Thyreus lyctus Cr. maris var* — *Enyo.*
109. *Liparis adspersa* H-S. — *Laelia.*
110. - *crocicollis* H-S. — *Antiphella.*
111. - *dealbata* H-S. — *Leucoma.*
112. - *crocata* H-S. — *Euproctis.*
113. - *picta* H-S. — *Lacipa.*
114. *Orgya dregei* H-S.
115. 116. *Eudryas? capensis* H-S. — *Ovios.*
117. *Euchelia pardalina* H-S. — *Callimorpha? bellatrix Dalm.*
118. *Aganais borbonica foem.*
119. *Aganais iodamia* H-S.
120. *Aganais borbonica mas.* H-S.
121. 122. *Hypopyra capensis* H-S.
123. 124. - *inconspicua* H-S.
125. *Ingura circularis* H-S.
126. (*Noct.*) *trinota* H-S. — *Mythimna?*
127. (*Noct.*) *lutescens* H-S. — *Hadena?*
128. (*Noct.*) *bipartita* H-S. — *ad Notodontina?*
129. (*Noct.*) *excisa* H-S. — *Spodoptera?*
130. *Apamea indigna* H-S. — *Agrotis?*
131. *Spodoptera capicola* H-S.
132. *Canodea difformis* H-S. — *Canodia.*
133. *Hypetra megastigma* H-S.
134. 135. *Catocala vermiculosa* H-S. — *Cerocala.*
136. *Palindia caudatula* H-S.
137. 138. *Grammodes euclidioides* H-S.
139. *Castnia hecate* H-S.
140. 141. - *eudesmia Gray.*
142. - *cronida* H-S.
143. - *cacica* H-S.
144. - *herrichii* Bd.
145 *Epialus exclamans* H-S. — *Aepytus* H-S.
146. - *epigramma* H-S. — *Triodia.*
147. - *tessellatus* H-S. — *Epialus.*
148. *Dolecta scariosa* H-S.
149. *Tirema lyonetii* H-S. — *Cossodes* (*White*).
150. *Myelobia paleacea* H-S. — *Morpheis.*
151. - *decolorata* H-S. — *Morpheis.*
152. - *pustulata* H-S. — *Morpheis.*
153. - *murina* H-S. — *Morpheis.*
154. 155. *Heterusia scintillans* H-S. — *Chalcosia.*
156. 157. - *circinata* H-S. — *Chalcosia.*
158. 159. - *acrocyanea De Haan.* — *Chalcosia* HV. *marginata* Guér.
160. 161. - *pulchella Koll.* — *Chalcosia* HV. *phalaenaria* Guér.
162. *Xyrema casuarinae* H-S. — *Zeuzera liturata Don.*
163. *Endoxyla d'Urvilli* H-S. — *sec. Walker foem. Zeuzera eucalypti.*
164. - *encalypti* H-S. — *Zeuz. eucalypti.*
165. *Cryptobia musae* H-S.
166. *Zeuzera indica* H-S.
167. - *boisduvalii Feisth.*
168. - *canadensis* H-S. — *Zeuzera.*
169. *Rhizona pallens* H-S. — *Phragmataecia.*
170. 171 *Cossus robiniae* Bd.
172. - (?) *aethiops* H-S. — Kein *Cosside*
173. *Zeuzera auroguttata* H-S.
174. *Limacodes quereti* H-S. *foem. Georg.* — *Sibine cippus Cr.*
175. - *quercicola* H-S. *foem.* — *Sibine.*
176. (*Neaera*) *chloris.* H-S. — *Sibine.*
177. - *punica* H-S. — *Sibine.*
178. (*Nyssia*) *florifera* H-S. — *Sibine.*
179. - *albipuncta* H-S. — *Sibine.*
180. *Dalcera abrasa* H-S.
181. *Limacodes bella* H-S. — *Euryda.*
182. *Euryda variolaris* H-S.
183. *Limacodes pallida* H-S.
184. - *textula* H-S.
185. - *flavula* H-S.
186. - *fasciola* H-S.
187. 188. - *spinuloides* H-S. *mas et foem.*
189. (*Geometra*) *dichroaria* H-S. - *Neurophana* Gn.
190. *Acidalia semissaria* H-S. — (*Schidax* Gn.) *Arrhostia* H-S.
191. *Acidalia elegantaria* H-S. — *Arrhostia.*

L*

Fig. 3. Text (p. 79) of "Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge", from the chapter "Verzeichniss der in diesem Werke gelieferten Arten nach der Reihenfolge ihrer Veröffentlichung" [Index of species figured in this work in order of publication].

publication]) HERRICH-SCHÄFFER often put his own name after the species. We consider this an indication that he intended to name the species himself.

After the discontinuation of the work, all published available "Hefte", often including the first issue of the second volume, were usually bound as a single volume within the same cover. The wrappers were probably discarded in most cases when the separate "Hefte" were given to the binders, as is evident from two copies of

Tab. 1. Dates of publication of HERRICH-SCHÄFFER's "Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge" (after FLETCHER 1979: XIII).

Heft	Plates	Figures	Text	Comment	Date after FLETCHER
Volume 1, 1850–1858, Series I, Heterocera (Nachtfalter)					
1	1–4	1–17			[1853]
2	5–8	18–38			
3	9–12	39–51			
4	13–16	52–76			
5	17–20	77–97			[1854]
6	21–24	98–114			
7	[25–28]	115–138			[V.1854]
8	[29–32]	139–153			
9	[33–36]	154–173			
10	[37–40]	174–201			
11	[41–44]	202–231			[1854]
12	[45–48]	232–258			
13–17	49–68	259–390			[VI.1855]
?18	[69]	391–396		no wrapper	[1858]
?19	[70]	397–403			
?20–21	71–78	404–451			31.XII.1855
?22	[79]	452–458		no wrapper	[1858]
23–25	80–94	459–540			[IX.1856]
26 (Schlussheft)	[95–96]	541–551		no wrapper	[1858]
Volume 1, 1850–1858, Series II, Rhopalocera (Tagfalter)					
1–2	[1–10]	1–22			VII.1850
3	11–14	23–60			[1853]
4	15–18	61–78			[1855]
5	[19–22]	79–94			[1856]
?6	[23–24]	95–102		no wrapper	[1858]
			pp. 1–52		[IX.1856]
			pp. 53–84		[IV.1858]
Volume 2, [1869], Series I, Heterocera, Continued					
	[97–100]	552–571			[VIII.1869]
Volume 2, [1869], Series II, Rhopalocera, Continued					
	[25–28]	103–123	pp. [1]-4		[VIII.1869]

"Aussereuropäische Schmetterlinge" preserved in the SMNS library, and from several other copies of the work examined by the authors. After having searched over the years in a number of libraries for complete copies of the "Aussereuropäische Schmetterlinge", we are aware of only two sets of the work, one in the library of the Department of Entomology of the Natural History Museum, London, and another at the Museum für Naturkunde of the Humboldt Universität, Berlin, in which the original wrappers are still preserved. The publication dates and contents of all "Hefte" have been carefully established and tabulated by FLETCHER (1979: XIII). For the purpose of this paper, the publication dates have been accepted as presented in that table. For the reader's convenience, the information provided by FLETCHER is repeated here (see Tab. 1). The information content of all the wrappers will be made available in a separate paper (HÄUSER et al., in prep.).

3 The material

The type specimens of the nominal taxa described by HERRICH-SCHÄFFER and preserved in SMNS appear hitherto not to have been recognised as types, with the exception of a few taxa of neotropical Riodinidae and Lycaenidae which had been tracked down by GERARDO LAMAS, Lima, during previous visits to SMNS in the course of preparatory work for a comprehensive taxonomic catalogue of neotropical butterflies (LAMAS et al. in press). After the first author had taken up a position as curator at SMNS and realised that types of taxa named by HERRICH-SCHÄFFER were among the collection holdings, the entire Lepidoptera collection was carefully searched several times. Most of the types supposedly deposited at "Coll. Stuttgardt" could eventually be found scattered in various parts of the general collection, but none of them apparently had ever been identified or labelled as types except for some of the neotropical butterflies just mentioned. A number of HERRICH-SCHÄFFER type specimens presumed to be in SMNS, however, still remain missing and must probably now be regarded as lost. In addition, a small number of type specimens, which according to the information given by HERRICH-SCHÄFFER should have been placed in his own collection, could be identified in the SMNS holdings (see below).

Although most of the taxa are represented in the SMNS collection by single specimens, they are all treated here as syntypes as there is no indication given by HERRICH-SCHÄFFER about the number of specimens examined for any of the taxa he described. Since the content of this paper is not taxonomic, no lectotypes are designated here in accordance with article 74 of the ICZN. All types or original specimens of HERRICH-SCHÄFFER identified at SMNS in the course of this study have been photographed digitally with both upper- and underside, and in the case of type specimens were supplied with a printed "syntype" label (see Figs. 5–63). For butterflies, the type specimens and images have also been databased as part of the project "Globales Artregister Tagfalter (GART)" [Global Species Register Butterflies] for which a web-accessible database of primary butterfly type specimens housed in German public collections is being developed (see: http://www.insects-online.de/gartfron.htm).

The origin of the SMNS Lepidoptera collection dates back to the early 19th century. Among the historically important material are collections sent or brought from South Africa by CARL VON LUDWIG (1784–1847), from Australia by FERDINAND VON MÜLLER (1825–1896), and from Surinam by AUGUST KAPPLER (1815–1887).

AUGUST KAPPLER (1815–1887) spent 43 years in Surinam, from 1836 to 1879, originally in the service of the Dutch Army and colonial service, and later as a free lance naturalist and planter (FRAAS 1888; HAVERSCHMIDT 1973; KAPPLER 1881, 1887). Between 1842 and, at least, 1856 he provided the SMNS with several shipments of vertebrates, especially mammals and birds, as well as insects from his collections (KÖNIG 1991). In his 1887 book KAPPLER gave an interesting account of the fauna of Surinam on 160 pages, the invertebrates – from insects to molluscs – being treated on 45 pages. Although this chapter contains some information on habitats no exact collecting localities are mentioned (KAPPLER 1887). A relatively detailed itinerary of part of his travels is given in KAPPLER (1881) and may help the specialist to pinpoint original collecting localities for species with a localised distribution in the area.

Among the Lepidoptera specimens from KAPPLER still present at SMNS, none bear any more locality data other than "Surinam Kappler" and the year of purchase or capture. As there are many different years mentioned on the labels it seems likely they indicate indeed the year of capture (1845, 1846, 1849, 1853, 1854, 1855, 1856). There are two cases where the year seems to read "[18]60" which we consider a lapsus for "[18]50" (see below, Noctuidae: *Hypetra megastigma* and Riodinidae: *Pheles heliconides*). Some of the material collected by KAPPLER, at least, was subsequently studied by MÖSCHLER (1883) for his faunistic work on Surinam, who also based a few of his newly described taxa on SMNS specimens.

CARL VON LUDWIG (1784–1847) had been trained as a pharmacist and in 1805 travelled to South Africa to work in a pharmacy in Cape Town, marrying into a small tobacco business, eventually becoming a banker and reaching financial independence. He collected and bought extensively natural history objects, traveled much on his own and supported naturalist travellers like ANDREW SMITH (1797–1872). In 1826 he sent and in 1828 and 1837 he brought himself large collections to Germany, mostly of plants, mammals, birds, reptiles, and insects for the SMNS, but also seeds, minerals, and various ethnological artefacts. From 1838 to 1840 he was joined by the young zoologist **FERDINAND KRAUSS** (1812–1890) who collected around Cape Town, made a well-documented excursion into the interior (see map in KRAUSS 1973), and then sailed from Port Elizabeth to Port Natal (= Durban) where he stayed from June 1839 to February 1840 (SCHÜZ 1967). After his return to Germany in the same year KRAUSS was employed by the "Königlich Württembergisches Naturalienkabinett" (today SMNS) and later became its director. A large part of the material collected during his 1838–1840 journey was acquired by the British Museum, the rest went to the Naturalienkabinett. KRAUSS also brought further material from LUDWIG's collection to Stuttgart, but the last consignment promised to the Stuttgart museums and reported ready for shipment in 1843 seems not to have been sent. LUDWIG died in 1847 (KRAUSS 1849).

The Lepidoptera collected by LUDWIG bear only the data "Cap v. Ludw." and the year "1837", which is the year of purchase. The collecting period can be assumed to be 1828–1837.

The material collected by KRAUSS is partly from the "Cap" (Cape) and partly from Port Natal (Durban). While the labels only read "Natal Krauß 1840" HERRICH-SCHÄFFER cited the locality as "Port Natal". The year given on the labels for both localities is invariably 1840, thus obviously indicating the year of purchase. The collecting periods in the Cape area were 1838 and 1840 for Cape Town, 1838–1839 for the interior, and 1839–1840 for Natal. A detailed itinerary of KRAUSS's travels is given in KRAUSS (1973) and may help to pinpoint potential collecting localities and data for localised species.

Labelling history. It seems that for most of the 19th century the Lepidoptera and other insects in the SMNS collection were arranged in the following way: For each taxon represented in the collection, a large oblong label gave the genus name, and another label in the same format had the species epithet and the collecting data (locality, collector, year; see Figs. 4–63) both handwritten in ink. These labels were pinned to the bottom of the drawer with two short pins, one each at the label's right and left or at its upper and lower border. The specimens were then placed in the respective drawer below these labels. It is likely that many of these early specimens originally bore no label at all or at best a tiny label with a number which was meant to indicate

Fig. 4. Example of labels attached to HERRICH-SCHÄFFER specimens in SMNS.

that the data on the species label referred to them. When new specimens from other localities were added they were usually provided with locality labels on the specimen pin. In later stages of curation and for rearrangement of the collection, the large species and sometimes genus name labels would be pinned to the first unlabelled specimen (see Figs. 5, 8–34 and others). If there was more than one unlabelled specimen, the following ones were sometimes but not always given a handwritten label which repeated the collecting data from the species label (see Figs. 6, 7, 39–40, 48, 51, 52–53, 54 and others). Due to this unfortunate practise, there remain quite a few historic specimens in SMNS without any label attached, which may also be the result of uncertainty to which locality the specimen belonged (see Saturniidae: *Imbrasia wahlbergii*).

4 Catalogue

4.1 General

All taxa named by HERRICH-SCHÄFFER of which type specimens supposedly originated from or have been found in SMNS are listed below in systematic order by family (after KRISTENSEN 1999) and within families in alphabetical order. An alphabetic index of all the taxa is given at the end of chapter 4 (Tab. 2).

Taxa not described as new by HERRICH-SCHÄFFER but treated in his work based on material from the Stuttgart collection are listed in smaller type, but are not illustrated. For each taxon, the following entries are given:

Original combination: The taxon in original combination as it appears in the earliest published text, usually on the wrapper and, if no wrapper exists, in the text part of the work. The plate and figure references.

Type locality/material: The type locality and depository of the material as stated on the wrapper (or, if no wrapper exists, in the text part of the work).

Subsequent citations: All information on the taxon given in the text part of the work.

SMNS: Number of specimens, sex (if recognisable), type status (condition of the specimen): Text of labels, lines on labels separated by "/", labels separated by "//".

Comments.

Current classification: The currently accepted classification of the taxon.

Taxonomic remarks: Brief notes on the taxonomic history of the taxon.

4.2 Somabrachyidae (Zygaenoidea)

pellucens Herrich-Schäffer, [1856] (Fig. 5)

Original combination: *Psycharium* m. *pellucens* m. – In: Herrich-Schäffer ([1856]): [pl. 80], fig. 461, wrapper.

Type locality/material: "Afr.?" [Africa?]; "Coll. Stuttg.".

Subsequent citations: "Für jetzt weiss ich in Ermangelung der natürlichen Exemplare nicht einzureihen: f. 461. *Psycharium* H-S. – *pellucens* H-S. – Wohl aus Afrika." (Herrich-Schäffer [1858]: 76). – "461. *Psycharium* H-S. *pellucens* H-S." (Herrich-Schäffer [1858]: 83).

SMNS: 1 syntype (parts of right forewing (apex, tornus) missing): "*Psycharium* / H.S." // "*Ps. pellucens* H.S. / H.S. n. E. f. 461. / Cap. v. Lud. 37." // "164." // "SYNTYPE / *Psycharium* / *pellucens* Herrich- / Schäffer, [1856] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: Although the label clearly states "Cap" [Cape] Herrich-Schäffer seems to have been in some doubt about the locality: "Wohl aus Afrika" ("probably from Africa"). He was uncertain about the taxonomic position of the species and placed it in the new genus *Psycharium* Herrich-Schäffer, [1856] of which it is the type species.

Current classification: Somabrachyidae: *Psycharium pellucens* Herrich-Schäffer, [1856]. The genus is in need of revision with many undescribed taxa from South Africa (Epstein et al. 1999). It has a taxonomically varied history, having been placed in a number of families, most notably the Megalopygidae (Fletcher & Nye 1982) and the Somabrachyidae (Epstein et al. 1999).

Taxonomic remarks: Treated as a species of *Psycharium* Herrich-Schäffer [1858] by Hopp (1928: 445), Bryk (1936: 112) and Vári et al. (2002: 69).

4.3 Zygaenidae (Zygaenoidea)

cyanecula Herrich-Schäffer, 1855 (Fig. 6)

Original combination: "*Zama* m. *cyanecula* m. fig. 224. aus Nordchina". – In: Herrich-Schäffer (1855: 87).

Type locality/material: "Nordchina" [northern China] (Herrich-Schäffer 1855: 87); "Coll. Stuttgardt." (Herrich-Schäffer [1854]: [pl. 43], fig. 224, wrapper).

Subsequent citations: "*Zama* m. *cyanecula* m. fig. 224. aus Nordchina" (Herrich-Schäffer 1855: 87, [1856]: 7). – "*Northia* Walk. 1854. – *Zama* H-S. 1855 *cyanecula* H-S. – f. 224. – Wlk. 1600. 141. *Glaucop. nigrigemma*. – China bor." (Herrich-Schäffer [1858]: 57). – "224. nov. gen. *cyanecula* H-S. – *Northia* Walk." (Herrich-Schäffer [1858]: 80).

SMNS: 1 syntype (tear in left forewing, tips of both antennae missing): "*Northia* Walk. / Ill. Cat. p. 13." // "*Z. cyanecula* HS. / HS. Ex. 224. / N. China Fort. 54." // "259." // "SYNTYPE / *Zama cyanecula* / Herrich-Schäffer, / [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – 1 syntype (both antennae missing): "*Z. cyanecula* HS. HS. / *nigrigemma* Walk. 141. / N. China Fort. 54." // "261." // "SYNTYPE / *Zama cyanecula* / Herrich-Schäffer, / [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – 1 syntype (both antennae and most of left hindwing missing, other wings damaged): "(HS) / *Z. cyanecula* HS. Ill. C. / VII.

16[?] / N. China. Fort. 54" // "258." // "SYNTYPE / *Zama cyanecula* / Herrich-Schäffer, / [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – 1 syntype (both antennae missing; forewings and right hindwing damaged): "N. China / Fort 1854" // "260." // "SYNTYPE / *Zama cyanecula* / Herrich-Schäffer, / [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: In "Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge" the taxon was established without a genus name (on the wrapper [1854]), so this reference is non-binomial. The name became available in 1855 when it was cited as "*Zama* m. *cyanecula* m. fig. 224. aus Nordchina" in another work by HERRICH-SCHÄFFER, "Systematische Bearbeitung der Schmetterlinge von Europa", vol. 6: 87 in the chapter "Synopsis familiarum Lepidopterorum" (HERRICH-SCHÄFFER 1855: 82–133). Shortly afterward the same identical chapter (with the exception of the last half page) was also included in "Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge" (HERRICH-SCHÄFFER [1856]: 2–52). – Type species of *Zama* Herrich-Schäffer, 1855.

Current classification: Zygaenidae: Procridinae: *Illiberis cyanecula* Herrich-Schäffer, 1855, a junior subjective synonym of *Illiberis nigrigemma* (Walker, 1854).

Taxonomic remarks: Treated as a synonym of *Illiberis nigrigemma* (Walker, 1854) by KIRBY (1892: 88) and ALBERTI (1954: 243), and as a synonym of *Phacusa nigrigemma* (Walker, 1854) by BRYK (1936: 265).

fortunii Herrich-Schäffer, 1855 (Fig. 7)

Original combination: "*Xenares* m. *fortunii.* Aus Nordchina. Exot. fig. 223". – In: HERRICH-SCHÄFFER (1855: 87).

Type locality/material: "Nordchina" [northern China] (HERRICH-SCHÄFFER 1855: 87); "Coll. Stuttgardt." (HERRICH-SCHÄFFER [1854]: [pl. 43], fig. 223, wrapper).

Subsequent citations: "*Xenares* m. *fortunii.* Aus Nordchina. Exot. fig. 223" (HERRICH-SCHÄFFER 1855: 87, [1856]: 7). – "*Xenares* H-S. (*Phauda* Walk.) *fortunii* H-S. f. 223. – WLK. Bb. 1639. – 257. (*Phaudia triadum*). – China bor." (HERRICH-SCHÄFFER [1858]: 58). – "223. nov. gen. *fortunii* H-S. – *Xenares* H-S." (HERRICH-SCHÄFFER [1858]: 80).

SMNS: 1 syntype (antennae missing): "*Phauda* Walk. / Ill. Cat. 1. 20. N-China 237." // "*E. Fortunii* HS. / (Gr. 25). *Phauda F.* H. S. n. S. f. 223. / N.China Fort. 54." // "263." // "SYNTYPE / *Xenares fortunii* / Herrich-Schäffer, / [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – 1 syntype (antennae missing): "N.China Fort. / 1854" // "262." // "SYNTYPE / *Xenares fortunii* / Herrich-Schäffer, / [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: In "Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge" the taxon was established without a genus name (on the wrapper [1854]), so this reference is non-binomial. The name became available in 1855 when it was cited as "*Xenares* m. *fortunii.* Aus Nordchina. Exot. fig. 223" in another work by HERRICH-SCHÄFFER, "Systematische Bearbeitung der Schmetterlinge von Europa", vol. 6: 87 in the chapter "Synopsis familiarum Lepidopterorum" (HERRICH-SCHÄFFER 1855: 82–133). Shortly afterward the same identical chapter (with the exception of the last half page) was also included in "Sammlung

neuer oder wenig bekannter aussereuropäischer Schmetterlinge" (HERRICH-SCHÄFFER [1856]: 2–52). – Type species of *Xenares* Herrich-Schäffer, 1855.

Current classification: Zygaenidae: Phaudinae: *Phauda fortunii* (Herrich-Schäffer, 1855).

Taxonomic remarks: Treated as a synonym of *Phauda triadum* (Walker, 1854) by KIRBY (1892: 111), and as a synonym of *Phauda triaduum* [lapsus calami] (Walker, 1854) by BRYK (1936: 105). Treated as a species of *Phauda* by ALBERTI (1954: 188).

4.4 Castniidae (Sesioidea)

cronida Herrich-Schäffer, [1854] (Fig. 8)

Original combination: *Castnia cronida* m. – In: HERRICH-SCHÄFFER ([1854]): [pl. 29], fig. 142, wrapper.

Type locality/material: "Surin." [Surinam]; "Coll. Stuttg.".

Subsequent citations: "*Castnia* F. 1807 [...] *cronida* H-S. f. 142. – WLK. 1581. – Surin." (HERRICH-SCHÄFFER [1858]: 56). – "142. – [*Castnia*] *cronida* H-S." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1♂, syntype (right antenna missing, minor damage to forewing margins and tornus of left hindwing): "*C. cronida* HS. / H.S. n. S. f 142. / Surinam Kpl. 45." // "199." // "LECTOTYPE ♂ / *Castnia cronida* / Herrich-Schäffer, 1854 / By G. LAMAS "94" // "SYNTYPE / *Castnia cronida* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: KAPPLER mentioned "*Castnia Cronida*" in a list of seven species of Castniidae he had collected in Surinam (KAPPLER 1887). The lectotype designation has not been published. There is also a syntype in the MNHU (LAMAS, pers. comm.).

Current classification: Castniidae: *Haemonides cronida* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Castnia* Fabricius, 1807 by DALLA TORRE (1913: 13), and STRAND (1913: 12). Treated as a species of *Haemonides* Hübner, [1819] by MILLER (1995: 135) and LAMAS (1995: 79).

4.5 Cossidae (Cossoidea)

auroguttata Herrich-Schäffer, [1854] (Fig. 9)

Original combination: *Zeuzera auroguttata* m. – In: HERRICH-SCHÄFFER ([1854]): [pl. 36], fig. 173, wrapper.

Type locality/material: "Sierra leon." [Sierra Leone]; "Coll. Stuttg.".

Subsequent citations: "*Zeuzera* Ltr. [...] *auroguttata* H-S. Exot. 173. – WLK. 1532. – Sierra Leone." (HERRICH-SCHÄFFER [1858]: 58). – "173. *Zeuzera auroguttata* H-S." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1 syntype (specimen fragmented; fragments glued to a paper cut in the shape of the specimen, becoming disconnected; head and distal parts of abdomen missing): "*Z. auroguttata* H.Schff. / Cat. Brit. Mus. VII. p. 153? / S. Leone Schmidt 52." // "SYNTYPE / *Zeuzera* / *auroguttata* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: Type species of *Paralophonotus* Schoorl, 1990.

Current classification: Cossidae: *Paralophonotus auroguttatus* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Chalcidica* Hübner, [1820] by KIRBY (1892: 873), of *Xyleutes* Hübner [1820] by DALLA TORRE (1923: 49), of *Callocossus* Aurivillius, 1910 by GAEDE (1929: 544), and of *Paralophonotus* Schoorl, 1990 by SCHOORL (1990: 143).

4.6 Lycaenidae (Papilionoidea)

atnius Herrich-Schäffer, [1853] (Fig. 10)

Original combination: *Thecla atnius* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 14], figs. 53, 54, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Thecla* F. [...] *atrius*. [sic] H-S. Exot. II. f. 53. 54. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "53. 54. *Thecla atrius* [sic] H-S." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♂, syntype (abdomen missing): "*Th. Atrias* [sic] H.S. / HS. n. Ex. / Surinam Kpl. 45." // "LECTOTYPE ♂ / *Thecla atnius* / Herrich-Schäffer, 1853 / By G. LAMAS "94" // "SYNTYPE / *Thecla atnius* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. The original spelling (wrapper) is "*atnius*". Later HERRICH-SCHÄFFER ([1858]) spelled the name "*atrius*" in the text (pp. 55, 77). This has caused many subsequent authors to use the spelling "*atrius*" (STAUDINGER 1884–1888: 288, BRIDGES 1994: 74, D'ABRERA 1995a: 1221). If one considers this to be a case of multiple original spellings KIRBY (1871: 399) as first reviser chose the spelling "*atnius*". This chronic misspelling was discussed by ROBBINS & LAMAS (2002: 201). The lectotype designation has not been published.

Current classification: Lycaenidae: Theclinae: Eumaeini: *Calycopis atnius* (Herrich-Schäffer, [1853].

Taxonomic remarks: Treated as a species of *Thecla* Fabricius, 1807 by KIRBY (1871: 399), STAUDINGER (1884–1888: 288), and D'ABRERA (1995a: 1221), (incorrectly) as an incorrect subsequent spelling of *Mercedes atrius* (Herrich-Schäffer, [1853]) by BRIDGES (1994: 74) and (incorrectly) attributed to KIRBY (1871), and as a species of *Mercedes* Johnson, 1991 (spelled "*atrius*") by BRIDGES (1994: 74). ROBBINS (in LAMAS et al. in press) treats it as a species of *Calycopis* Scudder, 1876; he considers *Mercedes* Johnson a synonym of *Calycopis*.

essus Herrich-Schäffer, [1853] (Fig. 11)

Original combination: *Thecla essus* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 14], figs. 59, 60, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Thecla* F. [...] *essus*. H-S. Exot. II. f. 59. 60. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "59. 60. *Thecla essus* H-S." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♂, syntype (left antenna missing): "*Th. Essus* H. S. (HS) / H. S. n. Schm. E.

f. 59. 60. / Surinam Kppl. 45" // "LECTOTYPE ♂ / *Thecla essus* / / Herrich-Schäffer, 1853 / By G. LAMAS "94" // "24" // "SYNTYPE / *Thecla essus* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. There is another specimen (without labels) in SMNS which is obviously younger than the syntype. The lectotype designation has not been published.

Current classification: Lycaenidae: Theclinae: Eumaeini: *Olynthus essus* (Herrich-Schäffer, [1853]).

Taxonomic remarks: Treated as a species of *Thecla* Fabricius, 1807 by KIRBY (1871: 391), and of *Olynthus* Hübner, [1819] by NICOLAY (1982: 15), BRIDGES (1994: 84), D'ABRERA (1995a: 1160), and ROBBINS (in LAMAS et al. in press).

nega Herrich-Schäffer, [1853] (Fig. 12)

Original combination: *Thecla nega* Boisd. – In: HERRICH-SCHÄFFER, ([1853]): [pl. 14], figs. 51, 52, wrapper.

Type locality/material: "Natal." and "e port. Natal." [South Africa]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Thecla* F. *nega*. H-S. Exot. II. f. 51. 52. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "51. 52. *Thecla nega* H-S." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♂, syntype (antennae missing, damage to basal area of all wings, transparent film glued to underside of right forewing): "*I. Nega* HS. / (*Silas* H.S) n. E. f. 51.52. / Asien? n. Var.? U. ?" // "*I. Silas* Westw. / Doubl. Westw. Hewits. G. D. Lep. / Surinam Kpl. 45." // "Color-Tafel / Baudisch-Kalda" // "LECTOTYPE ♂ / *Thecla nega* / Herrich-Schäffer, 1853 / G. Lamas des. 1995" // "SYNTYPE / *Thecla nega* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: The information on the type locality is remarkably inconsistent. On the wrapper it is given as "Natal" and "e port. Natal.", later on in the text (p. 55), however, the patria is given as "Surin.[am]". One of the labels even bears the locality "Asien" [Asia] with a question mark, the other label says "Surinam". The lectotype designation has not been published.

Current classification: Lycaenidae: Theclinae: Iolaini: *Iolaus nega* (Herrich-Schäffer, [1853]), a junior subjective synonym of *Iolaus silas* (Westwood, [1851]).

Taxonomic remarks: Treated as a synonym of *Iolaus silas* (Westwood, [1851]) by KIRBY (1871: 409) and VÁRI et al. (2002: 143). Erroneously listed as a synonym of *Castalius silas* Fruhstorfer, [1923] by BRIDGES (1994: 22).

nobilis Herrich-Schäffer, [1853] (Fig. 13)

Original combination: *Thecla nobilis* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 14], figs. 55, 56, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Thecla* [...] *nobilis*. H-S. Exot. II. f. 55. 56. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "55. 56. *Thecla nobilis* H-S." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♀, syntype (tear in left forewing costa, distal half of right antenna missing, on both hindwings longest of tails missing): "*Th. nobilis* H.S. / Herr. Schaeffer f. 55. 56. / Surinam Kplr 49." // "84." // "LECTOTYPE ♀ / *Thecla nobilis* / Herrich-Schäffer, 1853 / By G. LAMAS "94" // "SYNTYPE / *Thecla nobilis* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. The lectotype designation has not been published.

Current classification: Lycaenidae: Theclinae: Eumaeini: *Lamasina nobilis* (Herrich-Schäffer, [1853]), a junior subjective synonym of *Lamasina ganimedes* (Cramer, 1775).

Taxonomic remarks: Treated as a species of *Thecla* Fabricius, 1807 by KIRBY (1871: 379), as a synonym of *Thecla ganymedes* [sic] (Cramer, [1775]) by BRIDGES (1994: 127) and of *Lamasina ganimedes* (Cramer, [1775]) by ROBBINS (in LAMAS et al. in press).

punctum Herrich-Schäffer, [1853] (Fig. 14)

Original combination: *Thecla punctum* m. – In: HERRICH-SCHÄFFER ([1853]): [pl. 14], figs. 57, 58, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Thecla* [...] *punctum*. H-S. Exot. II. f. 57. 58. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "57. 58. *Thecla punctum* H-S." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♀, syntype (long tear in left hinwing): "*Th. Punctum* HS. / HS. n. Schm. E. f. 57. 58. / Surinam Kppl. 45." // "21." // "LECTOTYPE ♀ / *Thecla punctum* / Herrich-Schäffer, 1853 / By G. LAMAS "94" // "SYNTYPE / *Thecla punctum* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: NICOLAY (1982: 15) gives 1858 as date of publication, obviously referring to the text part. The lectotype designation has not been published.

Current classification: Lycaenidae: Theclinae: Eumaeini: *Olynthus punctum* (Herrich-Schäffer, [1853]).

Taxonomic remarks: Treated as a species of *Thecla* Fabricius, 1807 by KIRBY (1871: 391), and of *Olynthus* Hübner, [1819] by NICOLAY (1982: 15), BRIDGES (1994: 84), D'ABRERA (1995a: 1158), and ROBBINS (in LAMAS et al. in press).

4.7 Riodinidae (Papilionoidea)

acanthoides Herrich-Schäffer, [1853] (Fig. 15)

Original combination: *Nymphidium acanthoides* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 13], figs. 49, 50, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Helicopis* F. – ? *acanthoides*. H-S. Exot. II. f. 49. 50. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "49. 50. *Nymphidium acanthoides* H-S. – ? *Helicopis*." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♂, syntype (both hindwings damaged, tip of right antenna missing): "*Ch Acanthoides* H S. / H S. n. E. f 49–50. / Surinam Kppl. 45." // "SYNTYPE /

Nymphidium acanthoides / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. Apart from the original generic combination given on the inside wrapper of the plates, the taxon was subsequently listed by HERRICH-SCHÄFFER in the text ([1858]: 55) under the generic name *Helicopis*. A "type photograph" taken by G. LAMAS was examined by HALL (1998: 11).

Current classification: Riodinidae: Riodininae: Helicopini: *Sarota acanthoides* (Herrich-Schäffer, [1853]).

Taxonomic remarks: Treated as a species of *Anteros* Hübner, [1819] by KIRBY (1871: 311), of *Charis* Hübner, [1819] by STICHEL (1930: 529), and of *Sarota* Westwood, 1851 by BRIDGES (1994: 114), D'ABRERA (1994: 1053), HALL (1998: 11), and CALLAGHAN & LAMAS (in LAMAS et al. in press). According to HALL (1998: 11), the male specimen present in SMNS is a "Holotype", a statement given without further support.

amesis Cramer, [1777] (Fig. 64)

Original combination: *Alesa amesis* Cram. – In: HERRICH-SCHÄFFER ([1853]): [pl. 13], figs. 45, 46, wrapper.

Original locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Alesa* Dbl. – *amesis* Cr. 104. F. (der Name ist älter als *priolas* Enc.) Enc. n. 98. foem. – H-S. f. 45. 46. mas. *priolas* Enc. n. 26. – Dbl. – Brasil." (HERRICH-SCHÄFFER [1858]: 55). – "45. 46. *Alesa amesis* Cr." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: No material found.

Comments: Not described as a new taxon.

Current classification: Riodinidae: Riodininae: Eurybiini: *Alesa amesis* (Cramer, [1777]).

anica Herrich-Schäffer, [1853] (Fig. 16)

Original combination: *Eurygona anica* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 12], figs. 31, 32, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Eurygona* Bd. – *anica*. H-S. Exot. II. f. 31. 32. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "31. 32. *Eurygona anica* H-S." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1 ♀, syntype (abdomen, legs, antennae and right hindwing missing): "*E. Anica* HS. / HS. Ex. 31.32. / Surinam Kpl. 45.." // "SYNTYPE / *Eurygona anica* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. According to STICHEL (1920: 296), no type specimen of this taxon could be found in the STAUDINGER collection in MNHU.

Current classification: Riodinidae: Euselasiinae: Euselasiini: *Euselasia anica* (Herrich-Schäffer, [1853]).

Taxonomic remarks: Treated as a species of *Euselasia* Hübner, [1819] by KIRBY (1871: 296), STICHEL (1920: 296, 1930: 150), BRIDGES (1994: 41), D'ABRERA (1994: 883), and CALLAGHAN & LAMAS (in LAMAS et al. in press). Treated as a species of *Euselasia* Kirby, 1871 by BRÉVIGNON (1996: 723).

artos Herrich-Schäffer, [1853] (Fig. 17)

Original combination: *Eurygona artos* Boisd. – In: Herrich-Schäffer ([1853]): [pl. 12], figs. 35, 36, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Eurygona* Bd. [...] *artos*. H-S. Exot. II. f. 35. 36. – Surin." (Herrich-Schäffer [1858]: 55). – "35. 36. Eurygona artos H-S." (Herrich-Schäffer [1858]: 77).

SMNS: 1♀, syntype (all wings rubbed, tips of both antennae missing): "*E. Eutaea* Hw. 8.9. / Surinam Kpl. 79." // "141." // "= *artos* H.-Sch." // "SYNTYPE / *Eurygona artos* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: Herrich-Schäffer initially gave Boisduval as the original author of this taxon.

Current classification: Riodinidae: Euselasiinae: Euselasiini: *Euselasia artos* (Herrich-Schäffer, [1853]).

Taxonomic remarks: Treated as a species of *Euselasia* Hübner, [1819] by Kirby (1871: 297), Stichel (1930: 140), Bridges (1994: 41), D'Abrera (1994: 880), and Callaghan & Lamas (in Lamas et al. in press).

cataleuca Herrich-Schäffer, [1858] (Fig. 18)

Original combination: *Orimba arcas* Cram. – In: Herrich-Schäffer ([1853]): [pl. 11], figs. 28, 29, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Orimba* Bd. – *cataleuca* H-S. Exot. II. f. 28. 29.- Surin." (Herrich-Schäffer [1858]: 55). – "28. 29. *Orimba arcas* Cram. – *cataleuca* H-S." (Herrich-Schäffer [1858]: 77).

SMNS: 1♂, syntype (abdomen missing): "*A. Cepha* F. ♂ / Surinam. Kpl 79" // "147." // "SYNTYPE / *Orimba cataleuca* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: While the specimen initially had been identified as *Orimba arcas* Cramer on the wrapper of the plate, Herrich-Schäffer later indicated that this had been a misidentification ("*arcas* (non Cram)") and named it *Orimba cataleuca* (Herrich-Schäffer [1858]: 55, 77). Thus the name *cataleuca* dates from the text. – Type species of *Orimba* Herrich-Schäffer, [1853].

Current classification: Riodinidae: Riodininae: Nymphidiini: *Setabis cataleuca* Herrich-Schäffer, [1858], a junior subjective synonym of *Setabis epitus* (Cramer, [1780]).

Taxonomic remarks: Treated as a synonym of *Aricoris cepha* (Fabricius, 1787) by Kirby (1871: 332), of *Orimba epitus* (Cramer, [1780]) by Stichel (1930: 664), and of *Setabis epitus* (Cramer, [1780]) by Bridges (1994: 116) and Callaghan & Lamas (in Lamas et al. in press). – *Papilio arcas* Cramer, [1777] is a junior subjective synonym of *Pandemos pasiphae* (Cramer, [1775]) and a junior primary homonym of *Ephyriades arcas* (Drury, 1773) (Callaghan & Lamas in Lamas et al. in press).

heliconides Herrich-Schäffer, [1853] (Fig. 19)

Original combination: *Pheles heliconides* Boisd. – In: Herrich-Schäffer ([1853]): [pl. 11], fig. 30, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Stalachtis* HV. – *heliconides* H-S. Exot. II. f. 30. – Surin." (Herrich-Schäffer [1858]: 55). – "30. *Pheles heliconides* H-S. – *Stalachtis*." (Herrich-Schäffer [1858]: 77).

SMNS: 1♀, syntype (tips of both antennae missing, large tear in left hindwing): "*Ph. heliconides* HS. / 30. / Surinam Kpl. 60." // "SYNTYPE / *Pheles heliconides* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: Herrich-Schäffer initially gave Boisduval as the original author of this taxon. The original generic combination is from the inside wrapper; in the text, however, the taxon is also listed under *Stalachtis*. Type species of *Pheles* Herrich-Schäffer, [1853]. – If the specimen was really collected in "[18]60", as the label indicates, it cannot be considered a syntype. The question arises how reliable the label data are. We suspect that the year on the label may be an error, perhaps a lapsus for "[18]50", and consider the specimen a syntype. See also *megastigma* (Noctuidae). There is also a male specimen in the Staudinger collection in MNHU which shows better agreement with the figure and is obviously a syntype (G. Lamas, pers. comm.).

Current classification: Riodinidae: Riodininae: Riodinini: *Pheles heliconides* Herrich-Schäffer, [1853].

Taxonomic remarks: Treated as a species of *Pheles* Herrich-Schäffer, [1858] by Kirby (1871: 306), Stichel (1930: 384), Bridges (1994: 89), D'Abrera (1994: 962), and Callaghan & Lamas (in Lamas et al. in press).

hippea Herrich-Schäffer, [1853] (Fig. 20)

Original combination: *Symmachia hippea* Boisd. – In: Herrich-Schäffer ([1853]): [pl. 12], figs. 39, 40, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Lemonias* Dbl. Der Name ist von Hübner früher an eine Spinnergattung vergeben; da aber überhaupt eine Trennung dieser Gattung von *Charis* und *Nymphidium* kaum aufrecht zu erhalten ist, so nehme ich hier keine Aenderung vor; es würde in diesem Falle der Name *Anatole* HV. einzutreten haben. – *hippea*. H-S. Exot. II. f. 39. 40. – Surin." (Herrich-Schäffer [1858]: 55). – "39. 40. *Symmachia hippea* H-S. – *Lemonias*." (Herrich-Schäffer [1858]: 77).

SMNS: 1♂, syntype (right antenna missing, left antenna glued to head, tear in right hindwing): "*C. Hippea* HS. / HS. Ex. 39. 40. / Surinam Kpl. 45." // "SYNTYPE / *Symmachia* / *hippea* Herrich- / Schäffer, [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: Herrich-Schäffer initially gave Boisduval as the original author of this taxon. The original generic combination is from the inside wrapper; in the text, however, the taxon is listed under "*Lemonias*" and "*Anatole*".

Current classification: Riodinidae: Riodininae: Symmachiini: *Symmachia hippea* Herrich-Schäffer, [1853].

Taxonomic remarks: Treated as a species of *Cricosoma* Felder & Felder, 1865 by KIRBY (1871: 314), and of *Symmachia* Hübner, [1819] by STICHEL (1930: 511), BRIDGES (1994: 121), D'ABRERA (1994: 1045), and CALLAGHAN & LAMAS (in Lamas et al. in press).

lagora Herrich-Schäffer, [1853] (Fig. 21)

Original combination: *Diophthalma* [sic] *lagora* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 13], figs. 43, 44, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Mesosemia* HV. [...] *lagora*. H-S. Exot. II. f. 43. 44. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "43. 44. *Diophthalma* [sic] *lagora* H-S. – *Mesosemia*." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♀, syntype (abdomen and most of both antennae missing, part of right forewing costa and apex missing): "*M (D.) Lagora* Hw. / Hw. 20. *Diaphotalma* [sic]) / Surinam Kpl. 45." // "SYNTYPE / *Diophthalma* / *lagora* Herrich- / Schäffer, [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. The original generic combination is from the inside wrapper; in the text, however, the taxon is listed also under *Mesosemia*. In D'ABRERA (1994: 901), the year of publication is given as 1858 ("Exot. Schmett.: 434" [sic!]). A male specimen ex coll. HERRICH-SCHÄFFER in coll. STAUDINGER (MNHU) labelled "Type" and "Origin." is not a syntype as it belongs to *Leucochimona molina* (Godman & Salvin, 1885) (G. LAMAS, pers. comm.).

Current classification: Riodinidae: Riodininae: Mesosemiini: *Leucochimona lagora* (Herrich-Schäffer, [1853]).

Taxonomic remarks: Treated as a species of *Mesosemia* Hübner, [1819] by KIRBY (1871: 291) and of *Leucochimona* Stichel, 1909 by STICHEL (1930: 214), BRIDGES (1994: 63), D'ABRERA (1994: 901), and CALLAGHAN & LAMAS (in LAMAS et al. in press).

mirita Herrich-Schäffer, [1853] (Fig. 22)

Original combination: *Diophthalma* [sic] *mirita* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 13], fig. 42, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Mesosemia* HV. – *mirita*. H-S. Exot. II. f. 42. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "42. *Diophthalma* [sic] *mirita* H-S. – *Mesosemia*." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♂, syntype (abdomen and most parts of both antennae missing, tear in right forewing): "*M. Idotea* Db. / *Mirita* H.S. 42 / Surinam Kpl 45." // "SYNTYPE / *Diophthalma* / *mirita* Herrich- / Schäffer, [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of

this taxon. The original generic combination is from the inside wrapper; in the text, however, the taxon is listed also under *Mesosemia*.

Current classification: Riodinidae: Riodininae: Mesosemiini: *Mesophthalma mirita* (Herrich-Schäffer, [1853]).

Taxonomic remarks: Treated as a synonym of *Mesophthalma idotea* Westwood, 1851 by KIRBY (1871: 291), STICHEL (1930: 210), and BRIDGES (1994: 74). Treated as a species of *Mesophthalma* Westwood, 1851, distinct from *idotea*, by CALLAGHAN & LAMAS (in LAMAS et al. in press).

mys Herrich-Schäffer, [1853] (Fig. 23)

Original combination: *Eurygona mys* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 12], figs. 37, 38, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Eurygonia mys*. H-S. Exot. II. f. 37. 38. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "37. 38. *Eurygonia mys* H-S." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♂, syntype (both antennae missing): "*E. Mys* HS. / H.S. n. E. f. 37. 38. / Surinam. Kpl. 45." // "72." // "SYNTYPE / *Eurygona mys* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. According to STICHEL (1920: 289), a single specimen is present in the STAUDINGER collection in MNHU labelled as "Original" apparently by STAUDINGER, but different, however, from the original illustration by HERRICH-SCHÄFFER. It should not be considered a syntype (G. LAMAS, pers. comm.).

Current classification: Riodinidae: Euselasiinae: Euselasiini: *Euselasia mys* (Herrich-Schäffer, [1853]).

Taxonomic remarks: Treated as a species of *Euselasia* Hübner, [1819] by KIRBY (1871: 295), STICHEL (1920: 289, 1930: 166), BRIDGES (1994: 42), D'ABRERA (1994: 889), and CALLAGHAN & LAMAS (in LAMAS et al. in press).

nicaste Herrich-Schäffer, [1853] (Fig. 24)

Original combination: *Nymphidium nicaste* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 13], figs. 47, 48, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Lemonias* Dbl. Der Name ist von HÜBNER früher an eine Spinnergattung vergeben; da aber überhaupt eine Trennung dieser Gattung von *Charis* und *Nymphidium* kaum aufrecht zu erhalten ist, so nehme ich hier keine Aenderung vor; es würde in diesem Falle der Name *Anatole* HV. einzutreten haben. *nicaste*. H-S. Exot. II. f. 47. 48. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "*Nymphidium nicaste* H-S. – *Lemonias*." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♂, syntype (left antenna missing, right wings damaged): "*M. Agrius* Dlm. / (HS) / Surinam Kpl. 45." // "SYNTYPE / / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of

this taxon. The original generic combination is from the inside wrapper; in the text, however, the taxon is listed also under *Lemonias* and *Anatole*.

Current classification: Riodinidae: Riodininae: Riodinini: *Metacharis nicaste* (Herrich-Schäffer, [1853]), a junior subjective synonym of *Metacharis lucius* (Fabricius, 1793).

Taxonomic remarks: Treated as a synonym of *Metacharis lucius* (Fabricius, 1793) by KIRBY (1871: 320), STICHEL (1930: 377), BRIDGES (1994: 76), and CALLAGHAN & LAMAS (in LAMAS et al. in press).

nola Herrich-Schäffer, [1853] (Fig. 25)

Original combination: *Mesene nola* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 11], fig. 23, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Mesene* B. – *nola*. H-S. Exot. II. f. 23. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "23. *Mesene nola* H-S." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♂, syntype (abdomen and most parts of both antennae missing): "*M. nola* H.S. / HS. Ex. f. 23. / Surinam. Kpl. 45." // "SYNTYPE / *Mesene nola* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon.

Current classification: Riodinidae: Riodininae: Symmachiini: *Mesene nola* Herrich-Schäffer, [1853].

Taxonomic remarks: Treated as species of *Mesene* Doubleday, 1847 by KIRBY (1871: 316), STICHEL (1930: 482), BRIDGES (1994: 74), D'ABRERA (1994: 1028), and CALLAGHAN & LAMAS (in LAMAS et al. in press).

ophias Herrich-Schäffer, [1853] (Fig. 26)

Original combination: *Eurygona ophias* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 12], figs. 33, 34, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Eurygona* [...] *ophias*. H-S. Exot. II. f. 33. 34. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "33. 34. *Eurygonia ophias* H-S." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♂, syntype: "*E. eumedia* Hw. / *E. ophias* HS. n. 33. 34. / Surinam. Kpl. 1855."."SYNTYPE / *Eurygona ophias* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon.

Current classification: Riodinidae: Euselasiinae: Euselasiini: *Euselasia ophias* (Herrich-Schäffer, [1853]), a junior subjective synonym (a subspecies according to CALLAGHAN & LAMAS in LAMAS et al. in press) of *Euselasia eumedia* (Hewitson, [1853]).

Taxonomic remarks: Treated as a synonym of *Euselasia eumedia* (Hewitson, [1853]) by KIRBY (1871: 297) and BRIDGES (1994: 41). Treated as a subspecies of

Euselasia eumedia (Hewitson, [1853]) by STICHEL (1930: 143) and by CALLAGHAN & LAMAS (in LAMAS et al. in press).

pedias Herrich-Schäffer, [1853] (Fig. 27)

Original combination: *Theope pedias* Boisd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 11], figs. 24, 25, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Theope* Dbl. – *pedias*. H-S. Exot. II. f. 24. 25. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "24. 25. *Theope pedias* H-S." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♂, syntype (left antenna and most of right antenna missing): "*Th. Pedias* HS. / HS. n. E. f. 24. 25. / Surinam Kppl. 45." // "92." // "SYNTYPE / *Theope pedias* / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. HALL (1999: 46) citing LAMAS (pers. comm.) indicates that a male specimen in MNHU, ex HERRICH-SCHÄFFER's collection, labelled as type in the STAUDINGER collection, is not a syntype; the true syntype from Stuttgart was examined by HALL from a photograph supplied by LAMAS.

Current classification: Riodinidae: Riodininae: Nymphidiini: *Theope pedias* Herrich-Schäffer, [1853].

Taxonomic remarks: Treated as a species of *Theope* Doubleday, 1847 by KIRBY (1871: 330), STICHEL (1930: 679), BRIDGES (1994: 130), D'ABRERA (1994: 995), HALL (1999: 45), and CALLAGHAN & LAMAS (in LAMAS et al. in press).

pulcherrima Herrich-Schäffer, [1853] (Fig. 28)

Original combination: *Eurygona*? *pulcherrima* m. – In: HERRICH-SCHÄFFER ([1853]): [pl. 11], figs. 26, 27, wrapper.

Type locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Themone* Westw. – *pulcherrima*. H-S. Exot. II. f. 26. 27. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "26. 27. *Eurygona*? *pulcherrima* H-S. – *Themone*." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: 1♂, syntype (abdomen missing): "*T. pulcherrima* n. sp. HS. / H.S. E. f. 26. 27. / Surinam. Kpl. 55." // "195." // "SYNTYPE / / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: The original generic combination is from the inside wrapper; in the text, however, the taxon is listed under *Themone*. Another possible male syntype is in MNHU ex coll. HERRICH-SCHÄFFER (G. LAMAS, pers. comm.).

Current classification: Riodinidae: Riodininae: Riodinini: *Themone pulcherrima* (Herrich-Schäffer, [1853]).

Taxonomic remarks: Treated doubtfully [with question mark] as a species of *Themone* Westwood, 1851 by KIRBY (1871: 299). Treated as a species of *Lymnas* Blanchard, 1840 by STICHEL (1930: 469), of *Melanis* Hübner, [1819] by BRIDGES (1994: 73) and D'ABRERA (1994: 1024), and of *Themone* Westwood, 1851 by CALLAGHAN & LAMAS (in LAMAS et al. in press).

satyrus Westwood, 1851 (Fig. 64)

Original combination: *Eunogyra satyrus* Westw. – In: HERRICH-SCHÄFFER ([1853]): [pl. 13], fig. 41, wrapper.

Original locality/material: "e Surinam" [Surinam]; "in collectione regia Stuttgardtiana".

Subsequent citations: "*Eunogyra* Westw. – *satyrus* Westw. et Hew. t. 72. f. 11. – H-S. Exot. II. f. 41. – Surin." (HERRICH-SCHÄFFER [1858]: 55). – "41. *Eunogyra satyrus* Wstw." (HERRICH-SCHÄFFER [1858]: 77).

SMNS: No material found.

Comments: Not described as a new taxon.

Current classification: Riodinidae: Riodininae: Mesosemiini: *Eunogyra curupira* BATES, 1868.

Taxonomic remarks: KIRBY (1871: 288) recognised HERRICH-SCHÄFFER's figure as a misidentification of *Eunogyra curupira* Bates, 1868, citing it under *curupira* as "*E. Satyrus* Herr. Schäff. (nec Westw.)".

4.8 Hedylidae (Hedyloidea)

ustrinaria Herrich-Schäffer, [1854] (Fig. 64)

Original combination: *Acidalia* (?) *ustrinaria*. – In: HERRICH-SCHÄFFER ([1854]): [pl. 40], fig. 196, wrapper.

Type locality/material: "Surin." [Surinam]; "Coll Stuttgardt.".

Subsequent citations: "*Macrosoma* HZ. [sic] f. 21. – *ustrinaria* m. Exot. f. 196 [...]" (HERRICH-SCHÄFFER 1855: 116, [1856]: 36). – "*Macrosoma* HZ. [sic] *ustrinaria* f. 196. – Surin." (HERRICH-SCHÄFFER [1858]: 62). – "196. *Acidalia* (?) *ustrinaria* H-S. – (*Hedyle*? Gn.) *Macrosoma* HV. [sic]" (HERRICH-SCHÄFFER [1858]: 80).

SMNS: No material found.

Current classification: Hedylidae: *Macrosoma ustrinaria* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Phellinodes* "Hübner" [sic; recte Guenée, 1857] by PROUT (1932–1938: 18) and of *Macrosoma* Hübner, [1818] by SCOBLE (1990a, 1990b).

4.9 Uraniidae (Geometroidea)

concinnularia Herrich-Schäffer, [1854] (Fig. 64)

Original combination: (*Geom.*) *concinnularia* m. – In: HERRICH-SCHÄFFER ([1854]): [pl. 40], fig. 200, wrapper.

Type locality/material: "Surin." [Surinam]; "Coll Stuttgardt.".

Subsequent citations: "*Chrysocestis* HV. [...]. *Concinnularia* m. Exot. f. 200." (HERRICH-SCHÄFFER 1855: 117, [1856]: 37). – "*Chrysocestis* HV. – (*Molybdophora* Gn.) *concinnularia* H-S. f. 200. – Surin." (HERRICH-SCHÄFFER [1858]: 62). – "200. (*Geom.*) *cocinnularia* H-S. – (*Molybdophora* Gn.) *Chrysocestis* HV." (HERRICH-SCHÄFFER [1858]: 80).

SMNS: No material found.

Current classification: Uraniidae: Epipleminae: *Molybdophora concinnularia* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Molybdophora* Guenée, 1857 (but genus incorrectly attributed to HERRICH-SCHÄFFER) by GAEDE (1936: 1168).

semissaria Herrich-Schäffer, [1854] (Fig. 64)

Original combination: *Acidalia semissaria* m. – In: Herrich-Schäffer ([1854]): [pl. 39], fig. 190, wrapper.

Type locality/material: "Surin." [Surinam]; "Coll Stuttgardt.".

Subsequent citations: "*Arrhostia* H. *semissaria* f. 190. (*Schidax* Gn.) – Surin." (Herrich-Schäffer [1858]: 61). – "190. *Acidalia semissaria* H-S. – (*Schidax* Gn.) *Arrhostia* H-S." (Herrich-Schäffer [1858]: 79).

SMNS: No material found.

Current classification: Uraniidae: Epipleminae: *Schidax semissaria* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Schidax* Hübner, [1818] by Gaede (1936).

4.10 Geometridae (Geometroidea)

anomalus Herrich-Schäffer, [1856] (Fig. 64)

Original combination: *Plegapteryx* m. *anomalus* m. – In: Herrich-Schäffer ([1856]): [pl. 80], figs. 462, 463, wrapper.

Type locality/material: "Sierra Leona" [Sierra Leone]; "Coll. Stuttg.".

Subsequent citations: "Für jetzt weiss ich in Ermangelung der natürlichen Exemplare nicht einzureihen: [...] f. 462. 463. *Plegapteryx* H-S. *anomalus* H-S. – Sierra Leone." (Herrich-Schäffer [1858]: 76). – "462. 463. *Plegapteryx* H-S. *anomalus* H-S." (Herrich-Schäffer [1858]: 83).

SMNS: No material found.

Comments: Herrich-Schäffer was uncertain about the taxonomic position of the species and placed it in the new genus *Plegapteryx* Herrich-Schäffer [1856] – of which it is the type species – without associating it with a family.

Current classification: Geometridae: Ennominae: *Plegapteryx anomalus* Herrich-Schäffer, [1856].

Taxonomic remarks: Treated as a species of *Plegapteryx* Herrich-Schäffer [1856] by Fletcher (1979: 166), Scoble (1999: 765) and Vári et al. (2002: 119).

carnaria Herrich-Schäffer, [1854] (Fig. 64)

Original combination: *Acidalia carnaria* m. – In: Herrich-Schäffer ([1854]): [pl. 39], fig. 194, wrapper.

Type locality/material: "Surin." [Surinam]; "Coll Stuttgardt.".

Subsequent citations: "*Arrhostia* H. [...] *carnaria* f. 194. (*Hyris* Gn.) – Surin." (Herrich-Schäffer [1858]: 61). – "194. *Acidalia carnaria* H-S. – (*Hyris* Gn.) *Arrhostia* H-S." (Herrich-Schäffer [1858]: 80).

SMNS: No material found.

Comments: The plate number was erroneously given as "39" by Scoble (1999: 943).

Current classification: Geometridae: Sterrhinae: *Tricentra carnaria* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Tricentra* Warren, 1909 by Scoble (1999: 943).

cruraria Herrich-Schäffer, [1854] (Fig. 30)

Original combination: *Macaria cruraria* m. – In: Herrich-Schäffer ([1854]): [pl. 40], fig. 198, wrapper.

Type locality/material: "Surin." [Surinam]; "Coll Stuttgardt.".

Subsequent citations: "*Macaria* Cust. [sic] [...] *cruraria* f. 198. – Surin. (*Clysia* Gn.)" (Herrich-Schäffer [1858]: 63). – "198. *Macaria cruraria* H-S. – (*Clysia* Gn.)" (Herrich-Schäffer [1858]: 80).

SMNS: 1♀, syntype (parts of right fore- and hindwing glued to transparent film, parts of thorax and all legs except left hindleg missing): "*Clysia* Guen." // "*C. cruraria* / H.S. n. Sch. 198. HS. / Surinam. Kpl. 45." // "SYNTYPE / *Macaria cruraria* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: The plate number was erroneously given as "39" by Scoble (1999: 695).

Current classification: Geometridae: Ennominae: *Paragonia cruraria* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Paragonia* Hübner, [1823] by Scoble (1999: 695).

dichroaria Herrich-Schäffer, [1854] (Fig. 64)

Original combination: (*Geometra*) *dichroaria* m. – In: Herrich-Schäffer ([1854]): [pl. 39], fig. 189, wrapper.

Type locality/material: "Port Natal." [South Africa]; "Coll Stuttgardt.".

Subsequent citations: "*Neurophana*. Gn. *dichroaria* f. 189 – Port. Natal." (Herrich-Schäffer [1858]: 61). – "189. (*Geometra*) *dichroaria* H-S. – *Neurophana* Gn." (Herrich-Schäffer [1858]: 79).

SMNS: No material found.

Comments: The plate number was erroneously given as "38" by Scoble (1999: 737).

Current classification: Geometridae: Oenochrominae: *Petovia dichroaria* (Herrich-Schäffer, [1854]), a junior subjective synonym of *Petovia marginata* Walker, 1854. Both taxa were published in May 1854: Walker's name on May 13 (Scoble 1999: 737) and Herrich-Schäffer's name at some unspecified date in May according to the marked copy in BMNH (Fletcher 1979: XIII). Therefore the Herrich-Schäffer name should be regarded as having been published on May 31, 1854.

Taxonomic remarks: Treated as the valid name of *Petovia marginata* Walker, 1854 by Pinhey (1975: 92), and as a synonym of *Petovia marginata* Walker, 1854 by Scoble (1999: 737) and Vári et al. (2002: 121).

elegantaria Herrich-Schäffer, [1854] (Fig. 64)

Original combination: *Acidalia elegantaria* m. – In: Herrich-Schäffer ([1854]): [pl. 39], fig. 191, wrapper.

Type locality/material: "Surin." [Surinam]; "Coll Stuttgardt".

Subsequent citations: "*Arrhostia* H. [...] *elegantaria* f. 191. – Surin." (Herrich-Schäffer [1858]: 61). – "191. *Acidalia elegantaria* H-S. – *Arrhostia*." (Herrich-Schäffer [1858]: 79).

SMNS: No material found.
Current classification: Geometridae: Sterrhinae: *Idaea elegantaria* (Herrich-Schäffer, [1854]).
Taxonomic remarks: Treated as a species of *Idaea* Treitschke, 1825 by Scoble (1999: 493).

falcularia Herrich-Schäffer, [1854] (Fig. 65)

Original combination: *Patalene falcularia* m. – In: Herrich-Schäffer ([1854]): [pl. 40], fig. 199, wrapper.
Type locality/material: "Surin." [Surinam]; "Coll Stuttgardt.".
Subsequent citations:: "*Comibaena* m. [...]. Dem Habitus nach dürften hierher gehören: *falcularia* m. Exot. f. 199." (Herrich-Schäffer 1855: 122, [1856]: 42). – "*Comibaena* H-S. [...] *falcularia* f. 199. – (*Drepanodes* Gn.) – Sur." (Herrich-Schäffer [1858]: 64). – "199. *Patalene falcularia* H-S. – (*Drepanodes* Gn. gewiss nicht.)" (Herrich-Schäffer [1858]: 80).
SMNS: No material found.
Current classification: Geometridae: Ennominae: *Patalene falcularia* Herrich-Schäffer, [1854], a senior synonym (but invalid due to homonymy; see below) of *Patalene hamulata* (Guenée, [1858]).
Taxonomic remarks: A junior secondary homonym of *Phalaena falcularia* Sepp, [1852] = *Patalene falcularia* (Sepp, [1852]). The valid name of the species is *Patalene hamulata* (Guenée, [1858]) (Scoble 1999: 707).

helvaria Herrich-Schäffer, [1854] (Fig. 64)

Original combination: (*Geom.*) *helvaria* m. – In: Herrich-Schäffer ([1854]): [pl. 40], fig. 201, wrapper.
Type locality/material: "Surin." [Surinam]; "Coll Stuttgardt.".
Subsequent citations:: "*Acroleuca* m. [...] *helvaria* m. Exot. f. 201." (Herrich-Schäffer 1855: 122, [1856]: 42). – "*Acroleuca* H-S. – (*Cratopteryx* Gn.) *helvaria* f. 201. – Sur." (Herrich-Schäffer [1858]: 63). – "(*Geom.*) *helvaria* H-S. – (*Crocopteryx* Gn.) *Acroleuca* H-S." (Herrich-Schäffer [1858]: 80).
SMNS: No material found.
Current classification: Geometridae: Ennominae: *Pyrinia helvaria* (Herrich-Schäffer, [1854]).
Taxonomic remarks: Treated as a species of *Pyrinia* Hübner, [1818] by Scoble (1999: 812).

poecilaria Herrich-Schäffer, [1854] (Fig. 29)

Original combination: *Geom.[etra] poecilaria* m. – In: Herrich-Schäffer ([1854]): [pl. 39], figs. 192, 193, wrapper.
Type locality/material: "Port. Natal." [South Africa]; "Coll Stuttgardt.".
Subsequent citations: "*Epiplema* H-S. – (*Erosia* Gn.) [...] *poecilaria* f. 192. 193. Port. natal." (Herrich-Schäffer [1858]: 62). – "192. 193. *poecilaria* H-S. – *Epiplema* H-S." (Herrich-Schäffer [1858]: 80).
SMNS: 1♂, syntype (antennae missing): "*Coenina* Walker / *Epiplema* HS." // "*C. poecilaria* H.S. ♂ / HS. E. f. 192–3." / Natal. Kraus. 40." "SYNTYPE / *Geom.*

poecilaria / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: The syntype is the male figured in fig. 192. The female figured in fig. 193 could not be located. Type species of *Coenina* Walker, 1860. – The plate number was erroneously given as "38" by SCOBLE (1999: 175).

Current classification: Geometridae: Ennominae: *Coenina poecilaria* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Coenina* Walker, 1860 by PINHEY (1975: 85), SCOBLE (1999: 175) and VÁRI et al. (2002: 115).

rectistriaria Herrich-Schäffer, [1854] (Fig. 65)

Original combination: *Acadra rectistriaria* m. – In: HERRICH-SCHÄFFER ([1854]): [pl. 40], fig. 197, wrapper.

Type locality/material: "Port. Natal." [South Africa]; "Coll Stuttgardt.".

Subsequent citations: "*Acadra* H-S. – (*Macaria* Gn.) *rectistriaria* f. 197. – Port. natal." (HERRICH-SCHÄFFER [1858]: 63). – "197. *Acadra rectistriaria* H-S. – (*Macaria* Gn.)" (HERRICH-SCHÄFFER [1858]: 80).

SMNS: No material found.

Comments: The plate number was erroneously given as "38" by SCOBLE (1999: 134).

Current classification: Geometridae: Ennominae: *Chiasmia rectistriaria* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Semiothisa* Hübner, [1818] by PINHEY (1975: 86), and of *Chiasmia* Hübner, [1823] by SCOBLE (1999: 134) and VÁRI et al. (2002: 115).

serrifasciaria Herrich-Schäffer, [1854] (Fig. 65)

Original combination: *Fidonia serrifasciaria* m. – In: HERRICH-SCHÄFFER ([1854]): [pl. 39], fig. 195, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll Stuttgardt.".

Subsequent citations: "*Polla* H-S. [...] *serrifasciaria* f. 195. – Cap." (HERRICH-SCHÄFFER [1858]: 64). – "195. *Fidonia serrifasciaria* H-S. – *Polla* H-S." (HERRICH-SCHÄFFER [1858]: 80).

SMNS: No material found.

Current classification: Geometridae: Ennominae: *Drepanogynis serrifasciaria* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Drepanogynis* Guenée, [1858] by SCOBLE (1999: 242) and VÁRI et al. (2002: 116).

4.11 Eupterotidae (Bombycoidea)

costipuncta Herrich-Schäffer, [1855] (Fig. 31)

Original combination: *Heteromorpha costipuncta* m. foem. – In: HERRICH-SCHÄFFER ([1855]): [pl. 66], fig. 375, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Kad."

Subsequent citations: "*Heteromorpha* m. *costipuncta* m. f. 375." (HERRICH-SCHÄFFER 1855: 91, [1856]: 11). – "*Heteromorpha* m. *costipuncta* H-S. f. 375. –

Lomera boisduvalii Westw. proc. zool. Soc. Lond. pl. 37. 2 ? – *Liparis hottentota*. Bd. in litt. – Cap." (HERRICH-SCHÄFFER [1858]: 67). – "375. *Heteromorpha costipuncta* H-S. foem – (? *Lomera boisduvalii* Wstw. – *Liparis hottentota* Bd. in litt.)" (HERRICH-SCHÄFFER [1858]: 82).

SMNS: 1♀, syntype (antennae missing, left forewing costa damaged, transparent film glued to underside of left wings): "*Heteromorpha* / H.S." // "*H. costipuncta* / H.S. L.E. f. 375. H.S. / Cap. v. Ludwig. 37." // "SYNTYPE / *Heteromorpha* / *costipuncta* / Herrich-Schäffer, / [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER listed the specimen's depository as "Coll.[ection] Kad.[en]" which may have been an error. The Stuttgart specimen agrees well with the figure. – Type species of *Heteromorpha* Herrich-Schäffer, 1855.

Current classification: Eupterotidae: Eupterotinae: *Phiala costipuncta* (Herrich-Schäffer, [1855]).

Taxonomic remarks: Treated as a species of *Phiala* Wallengren, 1860 by KIRBY (1892: 446), GAEDE (1927a: 298), PINHEY (1975: 130; cited as *Phiala costipunctata*, an incorrect subsequent spelling) and VÁRI et al. (2002: 150).

eurymas Herrich-Schäffer, [1854] (Fig. 33)

Original combination: *Jana Eurymas* Boisd. – In: HERRICH-SCHÄFFER ([1854]): [pl. 21], fig. 98, wrapper.

Type locality/material: "Sierra Leone" [wrapper], "Port. Natal." [South Africa] [p. 70]; "Collect. Stuttgardt.".

Subsequent citations: "*Jana* Bd. *eurymas* HS. Exot. f. 98." (HERRICH-SCHÄFFER 1855: 98, [1856]: 18). – "*Jana* Bd. *eurymas* H-S. f. 98. -WLK. Bb. 910. – Port. Natal." (HERRICH-SCHÄFFER [1858]: 70). – "*Jana eurymas* H-S." (HERRICH-SCHÄFFER [1858]: 78).

SMNS: 1♂, syntype (tip of right antenna missing, tears and lacerations on all wings): "145" // "*Jana* Boisd. H. S. [illegible]" // "*J. Eurymas* Boisd." / H.S. n. E. f. 98." / S Leone. Schmid. 51.".

Comments: Type species of *Jana* Herrich-Schäffer, [1854]. As in the case of *Jana tantalus* var. (see below) there is conflicting information on the type locality: "S Leone" on the specimen label and on the wrapper of the plate, "Port Natal" in the text.

Current classification: Eupterotidae: Janinae: *Jana eurymas* Herrich-Schäffer, [1854].

Taxonomic remarks: Treated as a species of *Jana* "Walker" [sic; recte Herrich-Schäffer, [1854]] by GAEDE (1927a: 303), and as a species of *Jana* Herrich-Schäffer, [1854] by KIRBY (1892: 800), PINHEY (1975: 130) and VÁRI et al. (2002: 150).

unnamed variety of *tantalus* Herrich-Schäffer, [1854]

Original combination: *Jana Tantalus* var.?. – In: HERRICH-SCHÄFFER ([1854]): [pl. 21], fig. 100, wrapper.

Original locality/material: "Sierra Leone" [wrapper], "Port Natal." [South Africa] [p. 70]; "coll. Stuttg.".

Subsequent citations: "*Jana* Bd. [...] *tantalus* HS. 99. var.? f. 100." (HERRICH-SCHÄFFER 1855: 98, [1856]: 18). – "*Jana* Bd. [...] *tantalus* Bd. – f. 99. 100. – WLK. Bb. 911. – Port Natal." (HERRICH-SCHÄFFER [1858]: 70). – "100. *Jana* id. var." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1 ♂, original: "*J. Tantalus* Boisd / H.S. n. E. f. 99. 100. / Cap. v. Ludw. 37." // "32 AF 18 / *Jana* 12 / *Tantalus* / 304 (43 d)"

Comments: The illustrated specimen was referred to as "var." [= variety] without a separate name, and thus cannot be included in the type series of *Jana tantalus* Herrich-Schäffer, [1854] which was described on the same plate from a specimen in coll. Herrich-Schäffer, according to the wrapper. As in the case of *Jana eurymas* (see above) there is conflicting information on the type locality: "Cap" on the specimen label, "Sierra Leone" on the wrapper of the plate, "Port Natal" in the text.

Current classification: Eupterotidae: Janinae: *Jana tantalus* Herrich-Schäffer, [1854].

Taxonomic remarks: Not a named taxon.

4.12 Saturniidae (Bombycoidea)

auletes Herrich-Schäffer, [1854] (Fig. 34)

Original combination: *Jo auletes* Bd. foem. – In: Herrich-Schäffer ([1854]): [pl. 20], figs. 96, 97, wrapper.

Type locality/material: "Surinam" [Surinam]; "Coll. Stuttgardt.".

Subsequent citations: "*Hyperchiria* HV. [...] *auletes* f. 96. 97." (Herrich-Schäffer 1855: 90, [1856]: 10). – "*Hyperchiria* HV. – Wlk. [...] *auletes* H-S. f. 96. 97. sec. Walk. ad *abas* F. – Brasil." (Herrich-Schäffer [1858]: 61). – "96. 97. *Jo auletes* H-S. foem. – *Hyperchiria* nach Walker zu *abas* F." (Herrich-Schäffer [1858]: 78).

SMNS: 1♀, lectotype (right antenna missing, tears in most wings, apex of left forewing and distal half of right hindwing glued to transparent film): "*H. auletus* H.S. [sic] / H.S. n. E. f. 96. *Abas*. Walk var? / Surinam. Kpl. 54." // "LECTOTYPE / *Jo auletes* / Herrich-Schäffer, / [1854] / Designated by / Lemaire (2002: / 348)".

Comments: The figure of the specimen was designated the lectotype by Lemaire (2002: 347). Type species of *Automerula* Michener, 1949. – Apart from the Stuttgart specimen Herrich-Schäffer apparently received another female from Boisduval which also came from Surinam and was unfortunately destroyed when sent back (Boisduval 1875: 242). Lemaire, following Boisduval's account, interpreted this specimen as the type and consequently stated that the type specimen was lost (Lemaire 1974: 540). However, after having studied the wrapper he realized there must be a specimen in coll. SMNS and designated this specimen as lectotype (Lemaire 2002: 348). – Probably most specimens of *A. auletes* that reached Europe in the mid-1800s were collected by Kappler in Surinam. "*Bombyx Auletus*" figures in a list of thirteen larger or more important "*Bombyx*" species he had collected in Surinam (Kappler 1887).

Current classification: Saturniidae: Hemileucinae: Hemileucini: *Automerina auletes* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Automeris* Hübner, [1819] by Draudt (1929–1930: 748), of *Gamelia* Hübner, [1819] by Kirby (1892: 781) and Schüssler (1933: 382), of *Automerula* Michener, 1949 by d'Abrera (1995b: 148), and of *Automerina* Michener, 1949 by Lemaire (1974: 540, 1996: 41, 2002: 347).

paleacea Herrich-Schäffer, [1855] (Fig. 32)

Original combination: *Heniocha paleacea* m. foem. – In: Herrich-Schäffer ([1855]): [pl. 56], fig. 308, wrapper.

Type locality/material: "Afr. mer[i]d." [southern Africa]; "Coll. Kad.[en]".

Subsequent citations: "*Tropaea* HV. [...] *paleacea* m. f. 308." (HERRICH-SCHÄFFER 1855: 89, [1856]: 9). – "*Heniocha* HV. – *Aphelia* Wlk. (genus Tortricid.) *apollinaris* Bd. Deleg. – *paleacea* H-S. 308. Port.-Natal." (HERRICH-SCHÄFFER [1858]: 60). – "308. *Heniocha paleacea* H-S. foem. – Nach WLK. zu *apollinaris*." (HERRICH-SCHÄFFER [1858]: 81).

SMNS: 1 ♀, syntype (tear in right forewing repaired with piece of transparent film glued to underside): "*Aphelia* Walker / *Saturnia* Westw." // "392. / *A. apollinaris* Walker / *Saturnia* Boisd. Voy. Delagorgue / Natal Krauß 40." // "SYNTYPE / *Heniocha* / *paleacea* Herrich- / Schäffer, [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER listed the specimen's depository as "Coll.[ection] Kad.[en]". As the Stuttgart specimen agrees well with the figure and is of the correct sex it is probably a syntype.

Current classification: Saturniidae: Saturniinae: Urotini: *Pseudaphelia paleacea* (Herrich-Schäffer, [1855]) a junior subjective synonym of *Pseudaphelia apollinaris* (Boisduval, 1847).

Taxonomic remarks: Treated as a form of *Pseudaphelia apollinaris* (Boisduval, 1847) by GAEDE (1927b: 336) and PINHEY (1975: 111), as a subspecies of *Pseudaphelia apollinaris* (Boisduval, 1847) by SCHÜSSLER (1933: 319), and as a synonym of *Pseudaphelia apollinaris* (Boisduval, 1847) by KIRBY (1892: 771) and VÁRI et al. (2002: 156).

sinope Westwood, 1849

Original combination: *Saturnia sinope* foem. – In: HERRICH-SCHÄFFER ([1854]): [pl. 20], fig. 94, wrapper.

Original locality/material: "Natal." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Eacles* HV. [...] *sinope* f. 94." (HERRICH-SCHÄFFER 1855: 89, [1856]: 9). – "*Urota* Walk. *sinope* Westw. Proc. 1949. 60. 32. – H-S. Exot. f. 94. – Port.-Natal." (HERRICH-SCHÄFFER [1858]: 60). – "94. *Saturnia sinope* Westw. foem. – *eacles* Text. – *Urota* Walk." (HERRICH-SCHÄFFER [1858]: 78).

SMNS: No material found.

Current classification: Saturniidae: Saturniinae: Urotini: *Urota sinope* (Westwood, 1849).

Taxonomic remarks: Treated as a species of *Urota* Westwood, 1849 by KIRBY (1892: 764), GAEDE (1927b: 332), SCHÜSSLER (1933: 146) and VÁRI et al. (2002: 156).

wahlbergii Boisduval, 1847

Original combination: *Saturnia Wahlbergii* Westw. mas. – In: HERRICH-SCHÄFFER ([1854]): [pl. 20], fig. 95, wrapper.

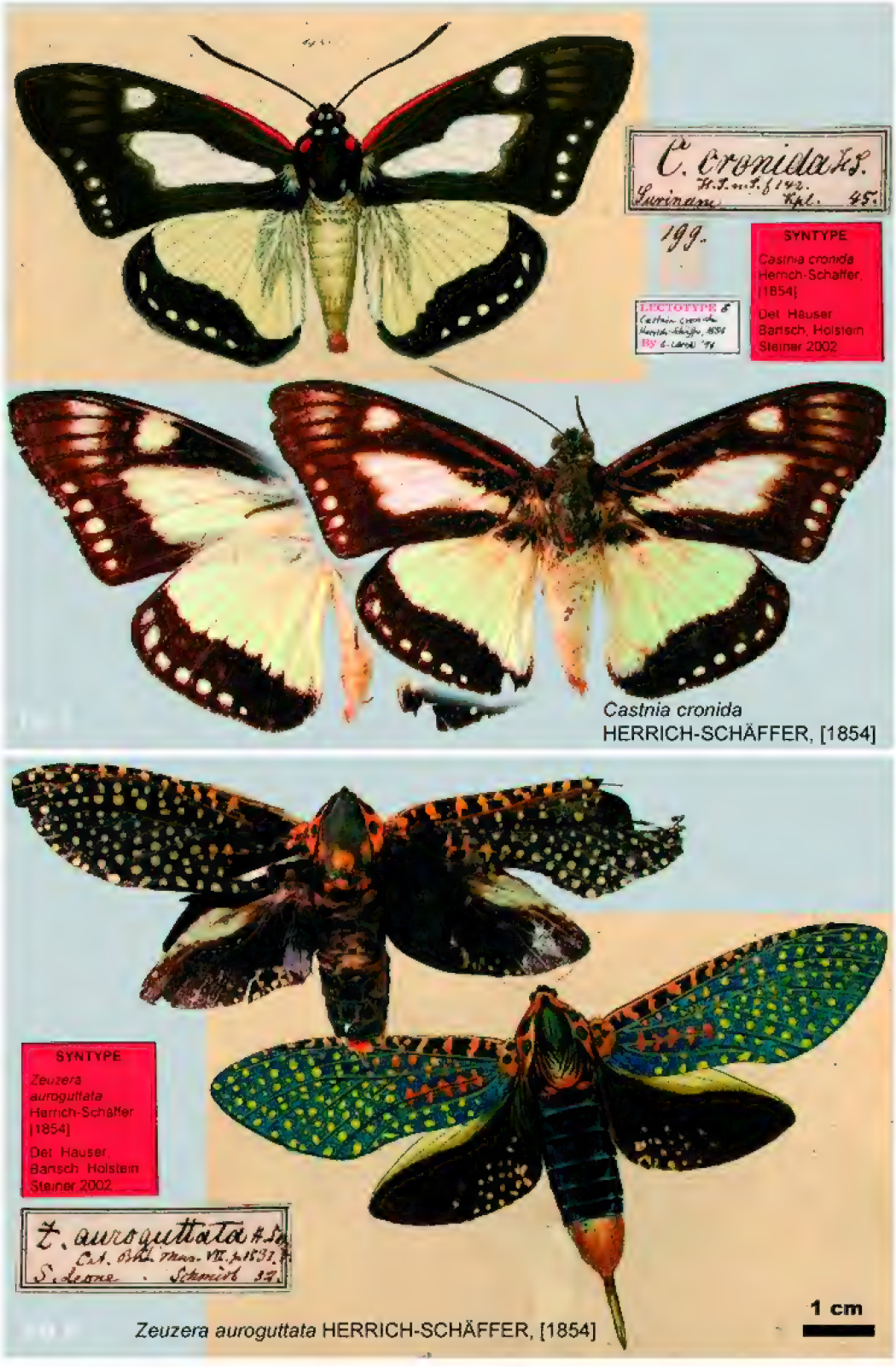
Original locality/material: "Natal." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Telea* HV. [...] *wahlbergi* m. Ex. f. 95." (HERRICH-SCHÄFFER 1855: 90, [1856]: 10). – "*Antherea* HV. – *Telea* HV. *dione* Westw. [...] var. *wahlbergii* Bd. Deleg. – H-S. f. 95." (HERRICH-SCHÄFFER [1858]: 61). – "95. *Saturnia wahlbergii* Westw. mas. – *Euphranor dione* Westw." (HERRICH-SCHÄFFER [1858]: 78).

SMNS: 1 ♂, original (head missing, tears and damage to all wings): "Nicht ganz sicher ob / hierher gehörig.". – 1 ♀ (legs and antennae missing, abdomen [ventral and distal parts missing] fastened to thorax with pin; some eggs still present): "N. 391 / *A. Wahlbergi* Westw / a. Dione var. / Natal Krauß 40."

Comments: The illustrated specimen is stated to be a male (l.c., wrapper). As mentioned in the introduction, the labels were originally fixed to the bottom of the drawers so that the label data sometimes covered several specimens. Later the label was pinned to one of these specimens. In spite of the label now being attached to a female the figure clearly shows that it is the male that was figured by HERRICH-SCHÄFFER.

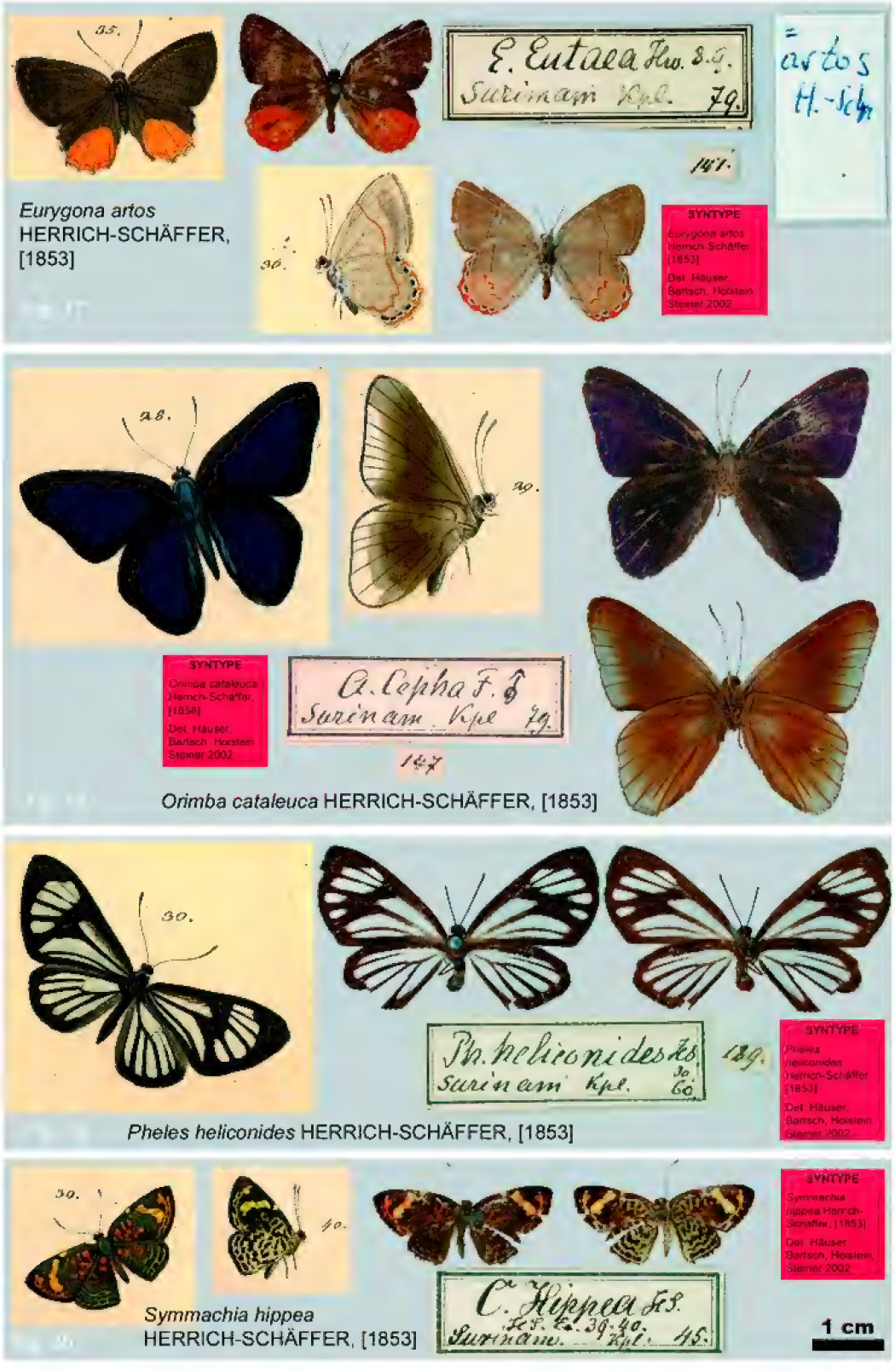
Figs. 5–7. Type specimens of HERRICH-SCHÄFFER.



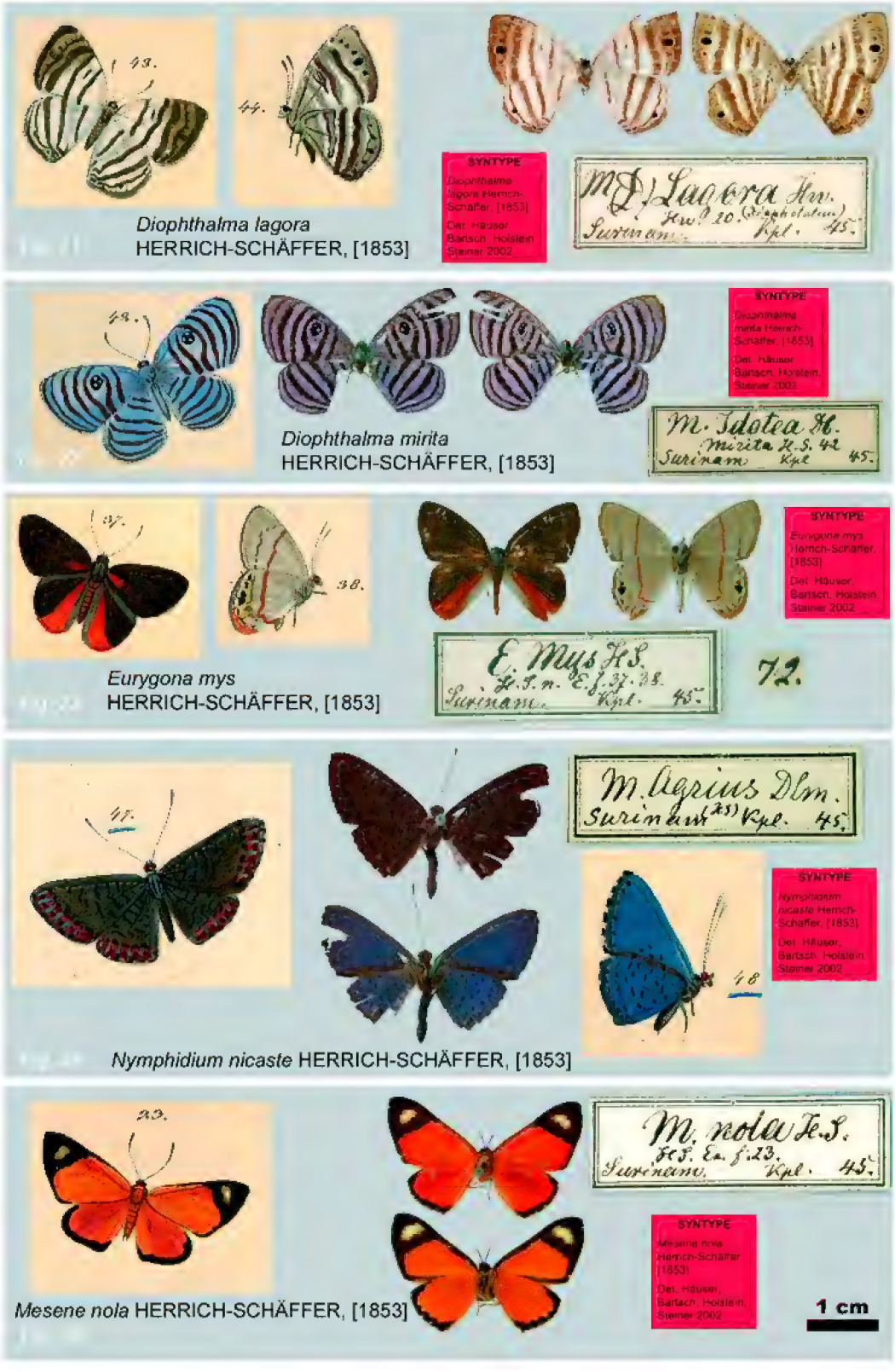
Figs. 8–9. Type specimens of HERRICH-SCHÄFFER.

Figs. 10–12. Type specimens of HERRICH-SCHÄFFER.

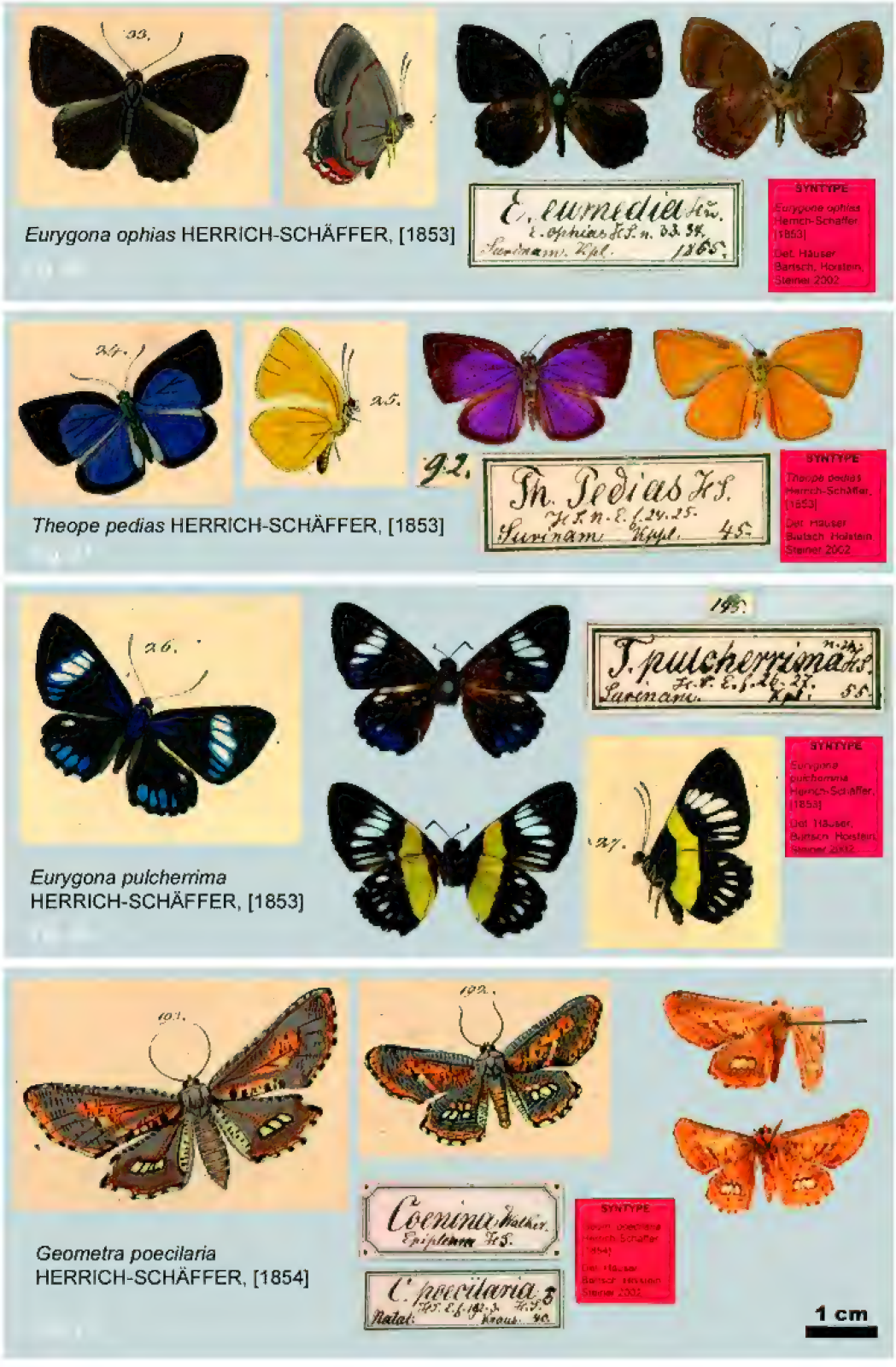
Figs. 13–16. Type specimens of HERRICH-SCHÄFFER.



Figs. 17–20. Type specimens of HERRICH-SCHÄFFER.



Figs. 21–25. Type specimens of HERRICH-SCHÄFFER.



Figs. 26–29. Type specimens of HERRICH-SCHÄFFER.

Figs. 30–32. Type specimens of Herrich-Schäffer.

Fig. 33. Type specimens of HERRICH-SCHÄFFER.

Fig. 34. Type specimens of HERRICH-SCHÄFFER.

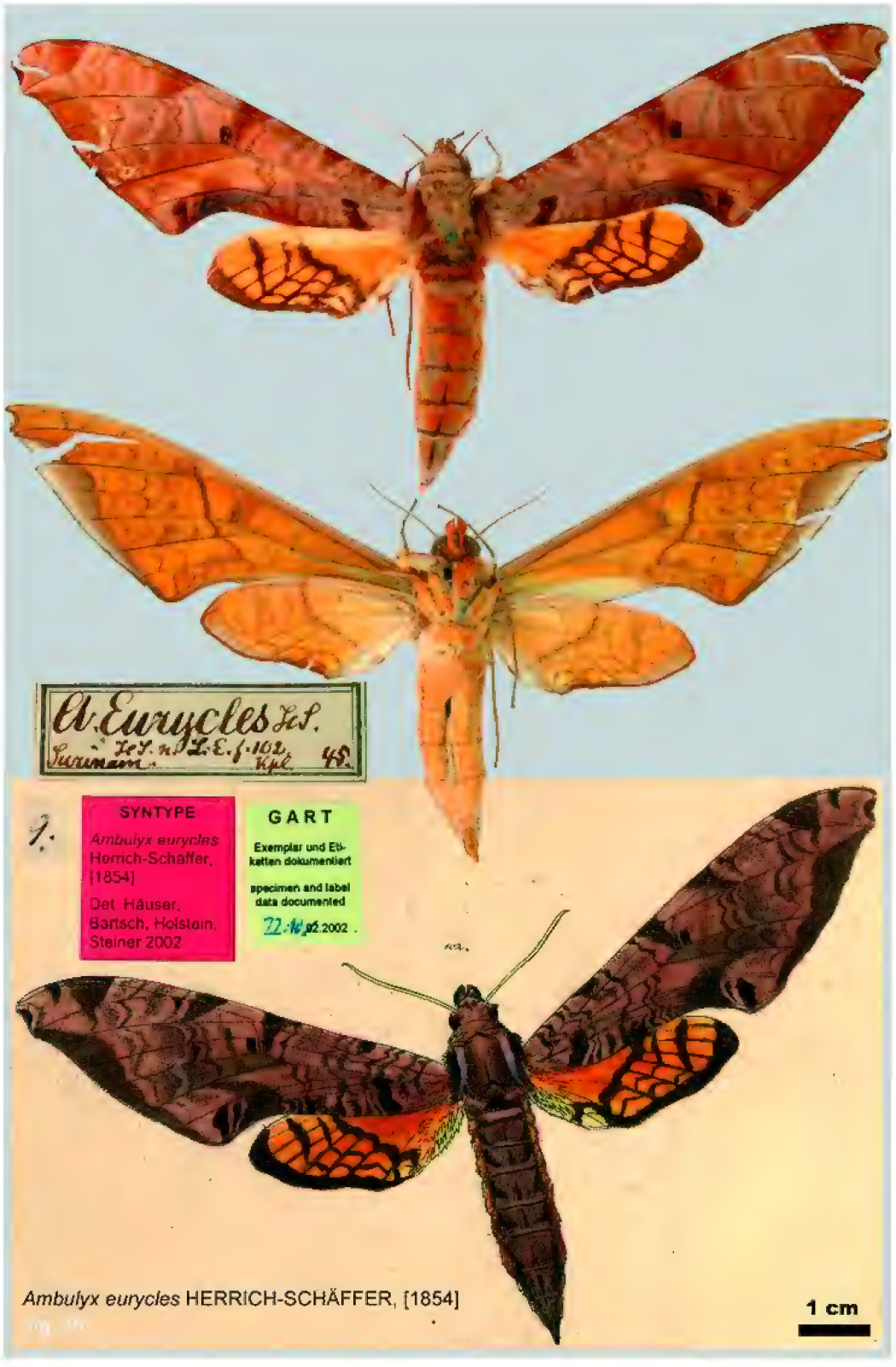
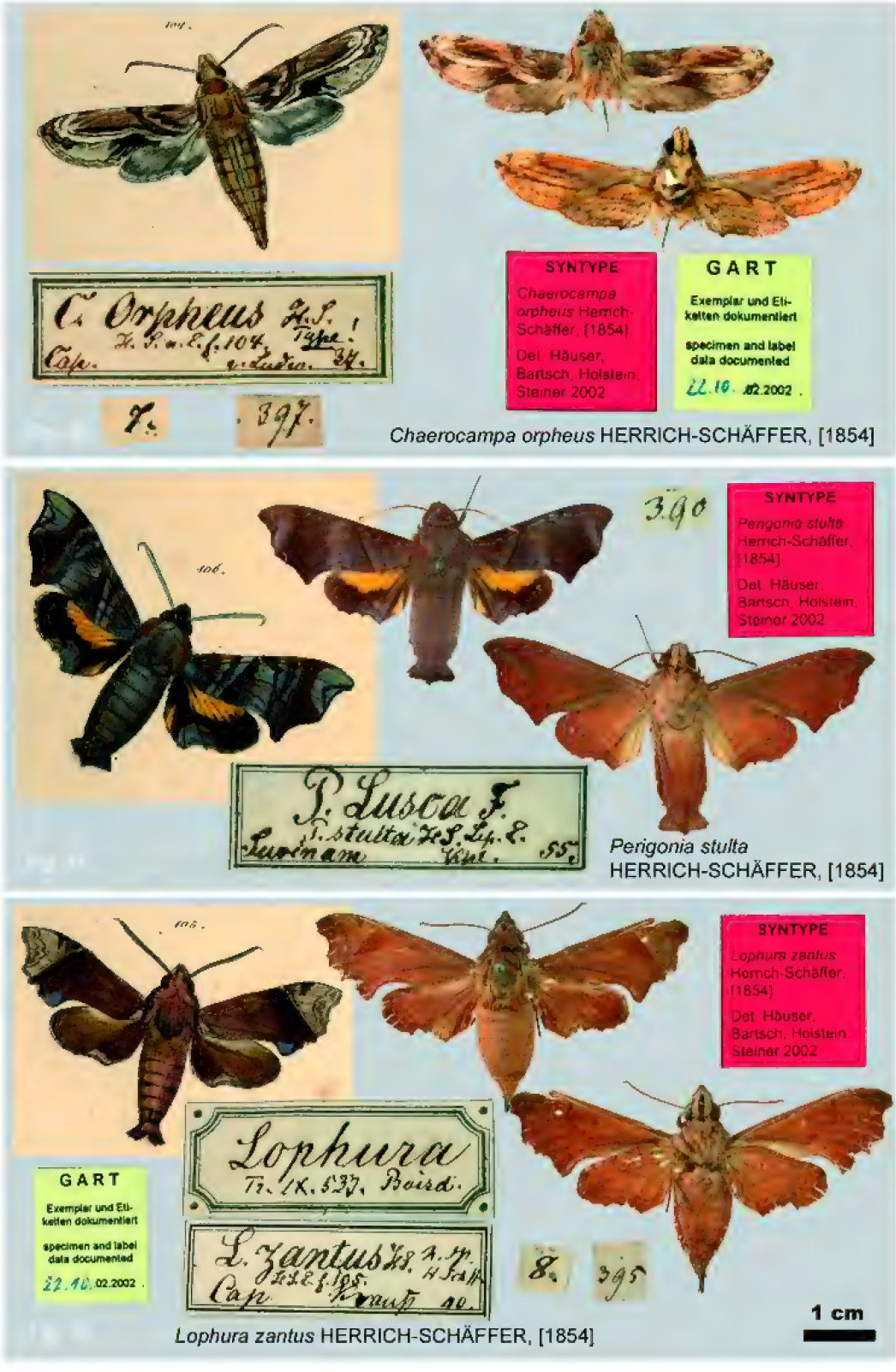


Fig. 35. Type specimens of HERRICH-SCHÄFFER.



Figs. 36–38. Type specimens of HERRICH-SCHÄFFER.

Fig. 39. Type specimens of HERRICH-SCHÄFFER.

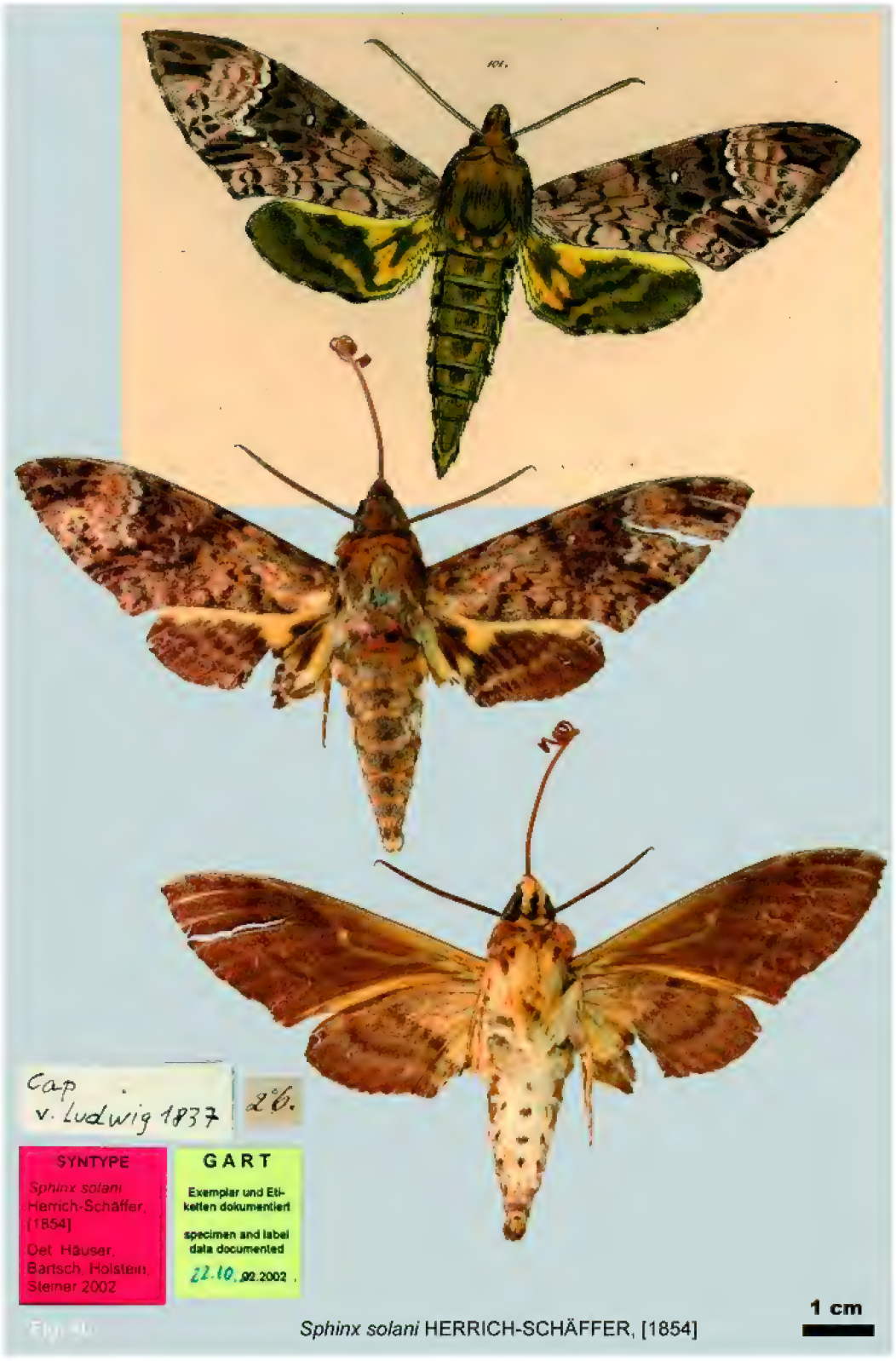
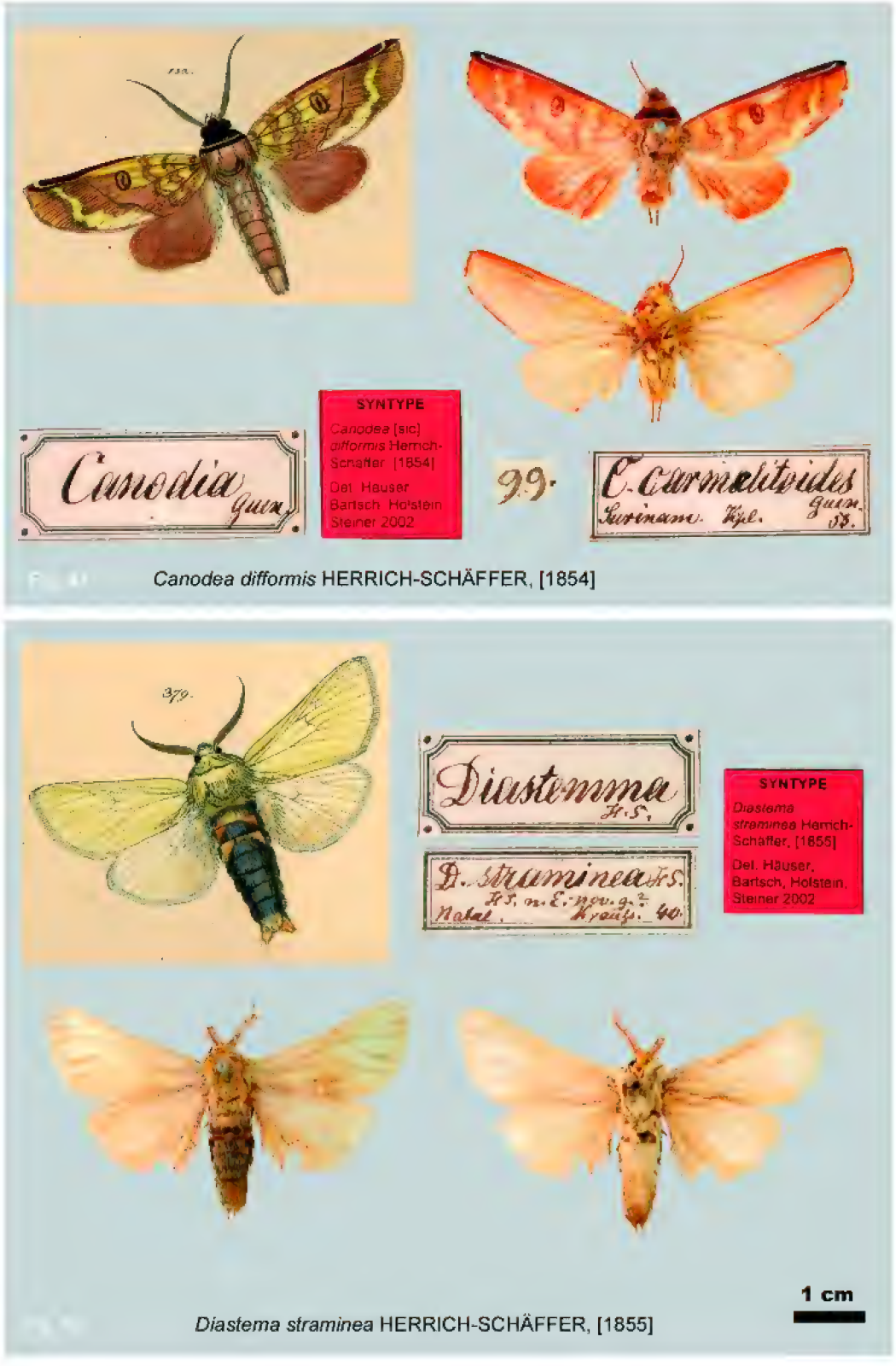
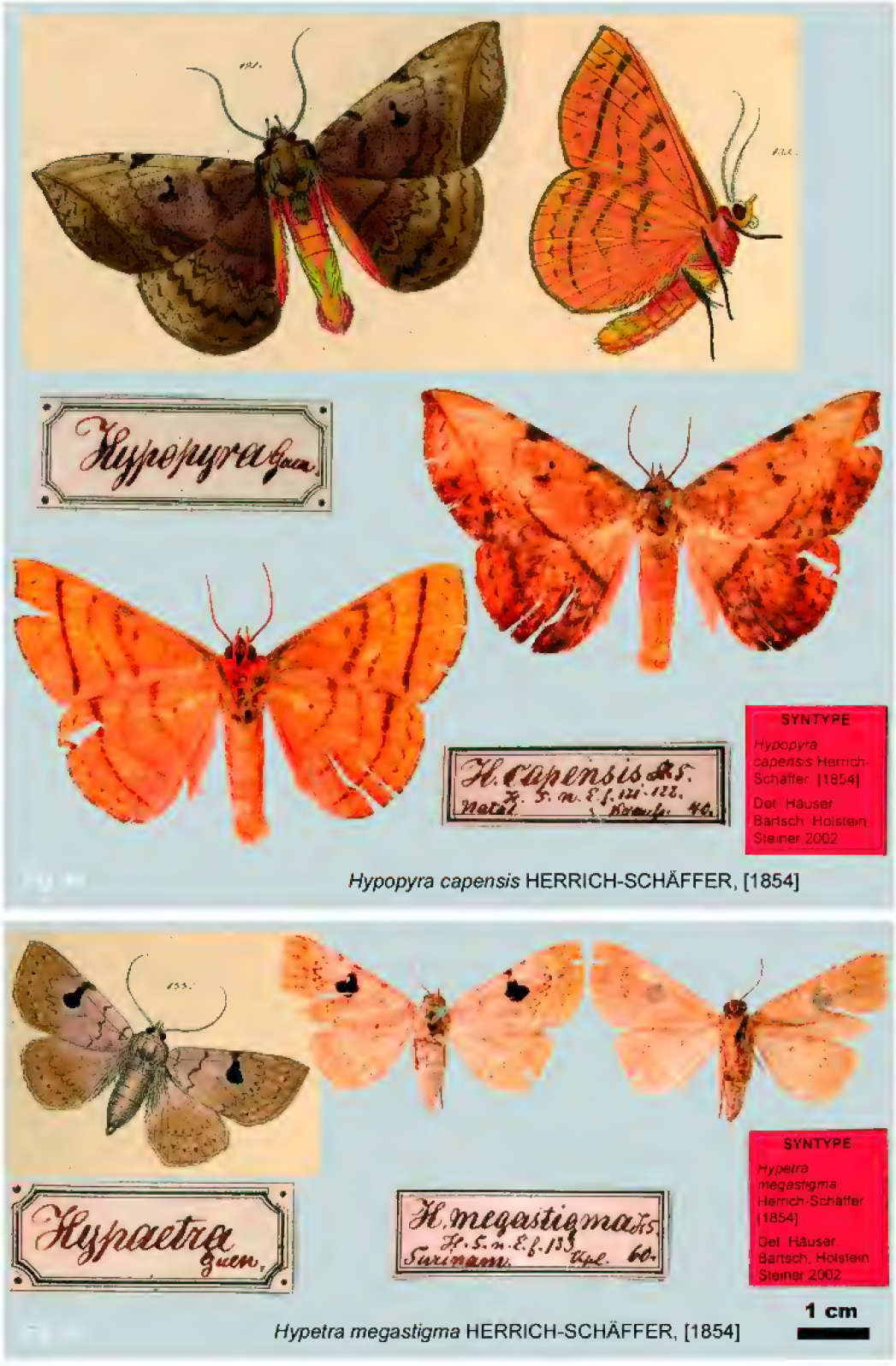


Fig. 40. Type specimens of HERRICH-SCHÄFFER.

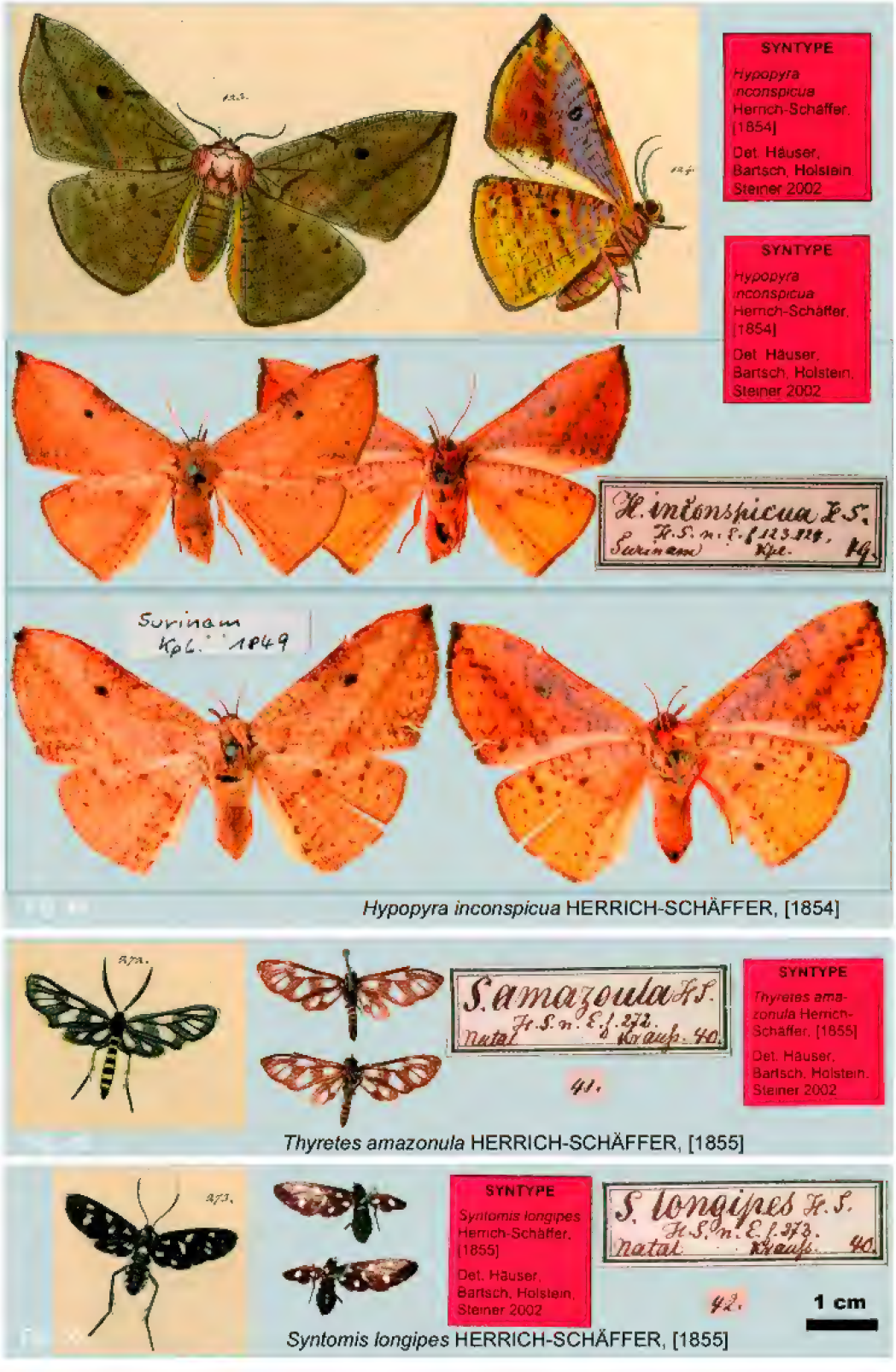


Figs. 41–42. Type specimens of HERRICH-SCHÄFFER.

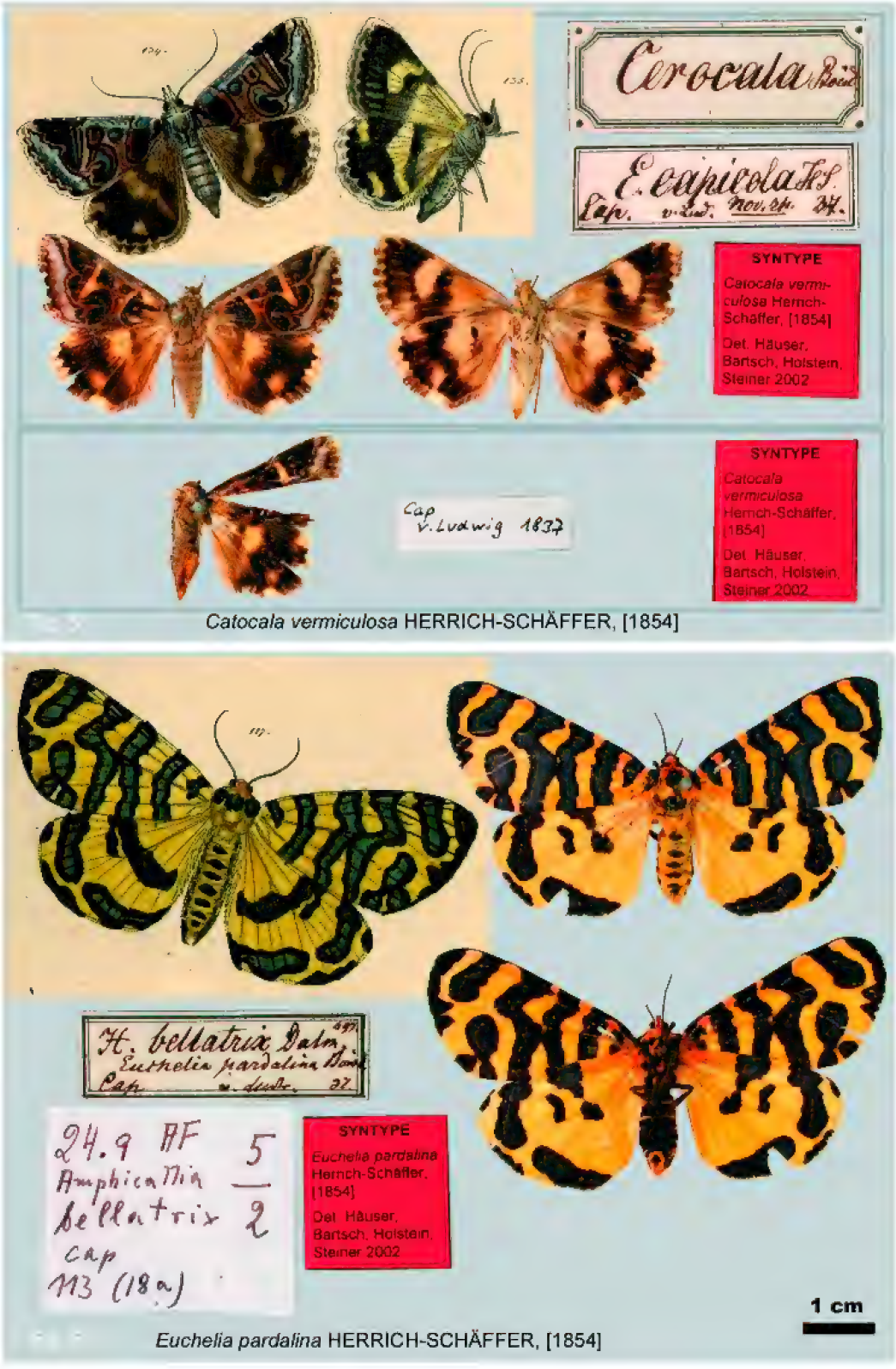
Figs. 43–45. Type specimens of HERRICH-SCHÄFFER.



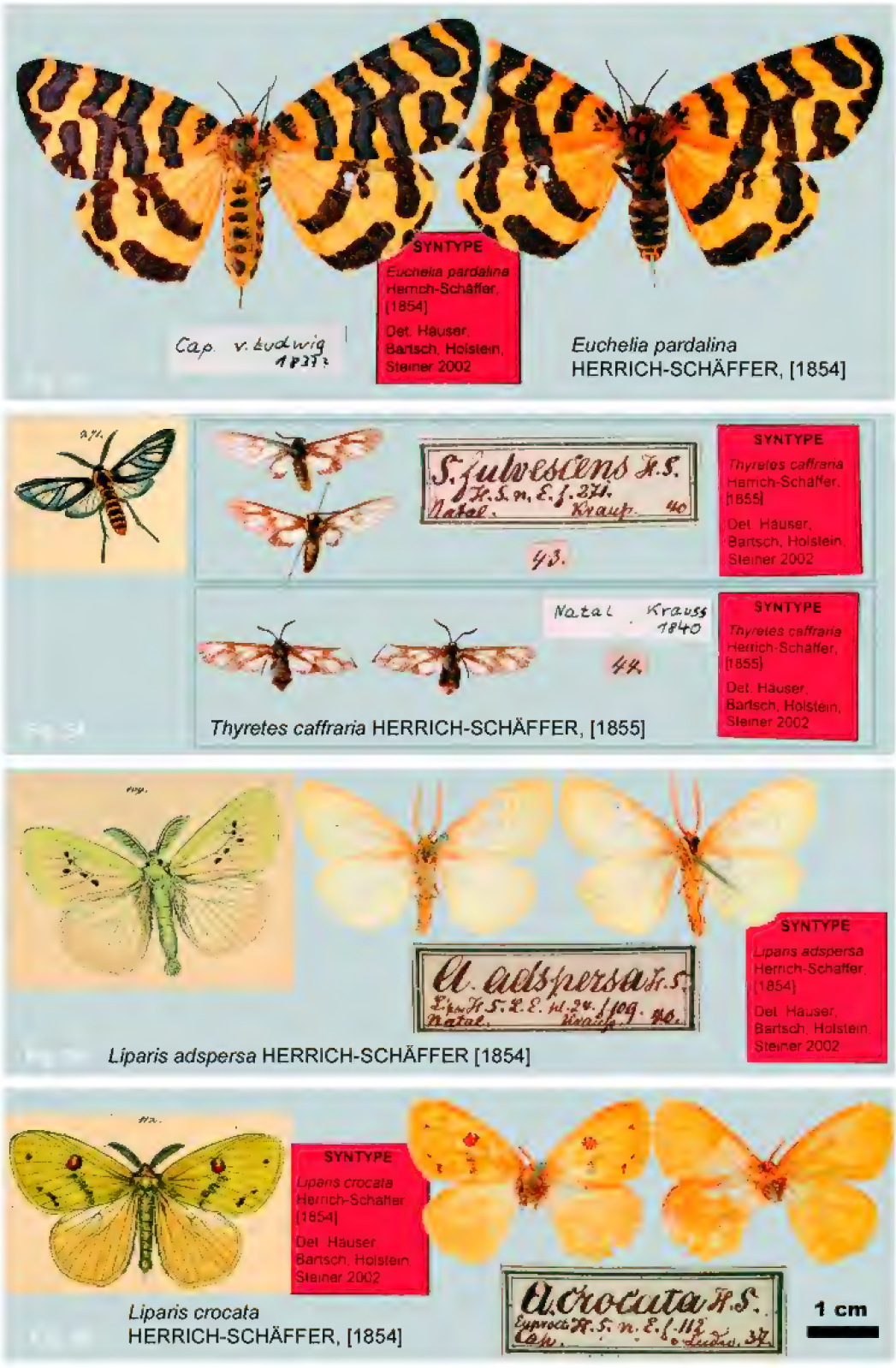
Figs. 46–47. Type specimens of HERRICH-SCHÄFFER.



Figs. 48–50. Type specimens of HERRICH-SCHÄFFER.



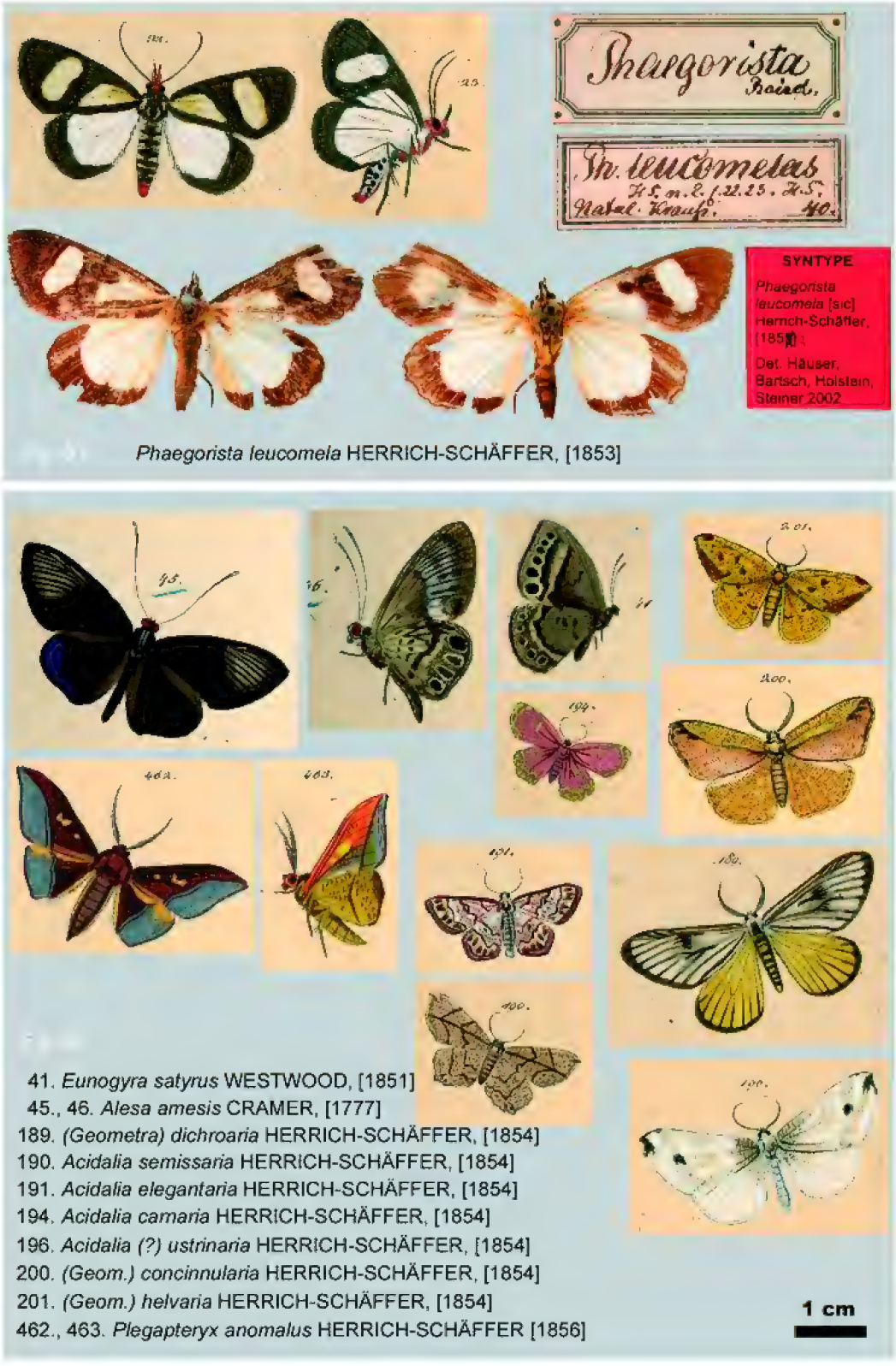
Figs. 51–52. Type specimens of HERRICH-SCHÄFFER.



Figs. 53–56. Type specimens of HERRICH-SCHÄFFER.

Figs. 57–58. Type specimens of HERRICH-SCHÄFFER.

Figs. 59–62. Type specimens of Herrich-Schäffer.


Phaegorista Boisd.
Ph. leucomelas
SYNTYPE
Phaegorista leucomela [sic] Herrich-Schäffer, [1853]
Det. Häuser, Bartsch, Holstein, Steiner 2002
Phaegorista leucomela HERRICH-SCHÄFFER, [1853]
41. Eunogyra satyrus WESTWOOD, [1851]
45., 46. Alesa amesis CRAMER, [1777]
189. (Geometra) dichroaria HERRICH-SCHÄFFER, [1854]
190. Acidalia semissaria HERRICH-SCHÄFFER, [1854]
191. Acidalia elegantaria HERRICH-SCHÄFFER, [1854]
194. Acidalia camaria HERRICH-SCHÄFFER, [1854]
196. Acidalia (?) ustrinaria HERRICH-SCHÄFFER, [1854]
200. (Geom.) concinnularia HERRICH-SCHÄFFER, [1854]
201. (Geom.) helvaria HERRICH-SCHÄFFER, [1854]
462., 463. Plegapteryx anomalus HERRICH-SCHÄFFER [1856]
1 cm

Figs. 63–64. Type specimens of HERRICH-SCHÄFFER.

115., 116. *Eudryas? capensis* HERRICH-SCHÄFFER, [1854]
125. *Ingura circularis* HERRICH-SCHÄFFER, [1854]
126. *(Noct.*) trinota* HERRICH-SCHÄFFER, [1854]
127. *(Noct.) lutescens* HERRICH-SCHÄFFER, [1854]
129. *(Noct.) excisa* HERRICH-SCHÄFFER, [1854]
130. *Apamea indigna* HERRICH-SCHÄFFER, [1854]
131. *Spodoptera capicola* HERRICH-SCHÄFFER, [1854]
136. *Palindia caudatula* HERRICH-SCHÄFFER, [1854]
195. *Fidonia serrifasciaria* HERRICH-SCHÄFFER, [1854]
197. *Acadra rectistriaria* HERRICH-SCHÄFFER, [1854]
199. *Patalene falcularia* HERRICH-SCHÄFFER, [1854]
1 cm

Fig. 65. Type specimens of HERRICH-SCHÄFFER.

Current classification: Saturniidae: Saturniinae: Bunaeini: *Imbrasia wahlbergii* (Boisduval, 1847).

Taxonomic remarks: Treated as a species of *Antheraea* Hübner, [1819] by KIRBY (1892: 757), of *Nudaurelia* Rothschild by GAEDE (1927b: 324) and SCHÜSSLER (1933: 122), and of *Imbrasia* Hübner, [1819] by PINHEY (1975: 115; in the spelling *wahlbergi*) and VÁRI et al. (2002: 157).

4.13 Sphingidae (Bombycoidea)

eurycles Herrich-Schäffer, [1854] (Fig. 35)

Original combination: *Ambulyx Eurycles* Boisd. – In: HERRICH-SCHÄFFER ([1854]): [pl. 22], fig. 102, wrapper.

Type locality/material: "Surinam" [Surinam]; "coll. Stuttg.".

Subsequent citations: "*Ambulyx* Bd. *eurycles* H-S. Exot. f. 102. – Surin." (HERRICH-SCHÄFFER [1858]: 59). – "102. *Ambulyx Eurycles* H-S. – *euricles*." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1♀, syntype (tears in both forewings and right hindwing, tip of left antenna missing): "*A. Eurycles* HS. / "HS. n. L.E. f. 102 / Surinam. Kpl. 45." // "9." // "SYNTYPE / *Ambulyx eurycles* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. KAPPLER mentioned "*Sphinx Eurykles*" in a list of the ten larger or more important "*Sphinx*" species he had collected in Surinam (KAPPLER 1887).

Current classification: Sphingidae: Smerinthinae: Ambulycini: *Protambulyx eurycles* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Ambulyx* Westwood, 1847 by KIRBY (1892: 675), and as a species of *Protambulyx* Rothschild & Jordan by D'ABRERA (1986: 48), BRIDGES (1993: 21), and KITCHING & CADIOU (2000: 64).

orpheus Herrich-Schäffer, [1854] (Fig. 36)

Original combination: *Chaerocampa Orpheus* Boisd. – In: HERRICH-SCHÄFFER ([1854]): [pl. 23], fig. 104, wrapper.

Type locality/material: "Cap." [South Africa]; "coll. Stuttg.".

Subsequent citations: "*Chaerocampa* Dup. *orpheus* Bd. f H-S. 104. – Cap." (HERRICH-SCHÄFFER [1858]: 59). – "104. *Chaerocampa orpheus* H-S." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1 syntype (abdomen, antennae and most legs missing, tear in left hindwing): "*C. Orpheus* H.S. / H.S. n. E. f. 104. Type! / Cap. v. Ludw. 37." // "7." // "397." // "SYNTYPE / *Chaerocampa* / *orpheus* Herrich- / Schäffer, [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Figs. 5–65. Type specimens. – **5–63**. For each taxon the colour plates show the original figure(s) from HERRICH-SCHÄFFER's work, the specimen(s) still present in coll. SMNS from the upperside and – in most cases – the underside, and their labels. The names given in the figures are those used in the original description. **64–65**. Type specimens depicted by HERRICH-SCHÄFFER and purportedly in coll. SMNS for which no specimens could be located (*amesis* and *satyrus* are no types but just figured taxa).

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon.

Current classification: Sphingidae: Macroglossinae: Macroglossini: *Theretra orpheus* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Theretra* Hübner, [1819] by CARCASSON (1976: 131), D'ABRERA (1986: 198), BRIDGES (1993: 25), KITCHING & CADIOU (2000: 70) and VÁRI et al. (2002: 161).

solani Herrich-Schäffer, [1854] (Figs. 39, 40)

Original combination: *Sphinx Solani* Boisd. – In: HERRICH-SCHÄFFER ([1854]): [pl. 22], fig. 101, wrapper.

Type locality/material: "Madagasc." [Madagascar]; "coll. Stuttg.".

Subsequent citations: "*Macrosila* Bd. [...] *solani* Bd. H-S. f. 101. – WLK. Sph. 206. – Port. Natal." (HERRICH-SCHÄFFER [1858]: 59). – "101. *Sphinx solani* H-S. – *Macrosila* Bd." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1 ♂, original (right antenna missing): "*Protoparce* Burm. / Trans. IX. 60." // "*M. Solani* Boisd. / Cap. v. Ludw. 37" // "27" // "SYNTYPE / *Sphinx solani* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – 1 ♂, original (proboscis partly unrolled and drawn out in front, right forewing and left hindwing damaged): "Cap / v. Ludwig 1837" // "26" // "SYNTYPE / *Sphinx solani* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. KITCHING & CADIOU (2000: 93) consider the description of "*Macrosila solani* Bsdv. MSS" by WALKER (1856) to be treated as a subsequent reference to *Sphinx solani* Boisduval, 1833, although this taxon is not mentioned by Walker, rather than the description of a new (and homonymous) species. – There is conflicting locality information: While the labels of both specimens state "Cap" HERRICH-SCHÄFFER gave "Madagascar" on the wrapper of the plate and later "Port Natal" in the text.

Current classification: Sphingidae: Sphinginae: Acherontiini: *Coelonia solani* (Herrich-Schäffer, [1854]), a junior subjective synonym of *Coelonia solani* (Boisduval, 1833).

Taxonomic remarks: Treated as a species of *Coelonia* Rothschild & Jordan by CARCASSON (1976: 55), D'ABRERA (1986: 14), BRIDGES (1993: 5), and KITCHING & CADIOU (2000: 42).

stulta Herrich-Schäffer, [1854] (Fig. 37)

Original combination: *Perigonia stulta* Boisd. – In: HERRICH-SCHÄFFER ([1854]): [pl. 23], fig. 106, wrapper.

Type locality/material: "Surin." [Surinam]; "coll. Stuttg.".

Subsequent citations: "*Perigonia* Bd. (*Perigona* Lap. Coleopt.) *stulta* Bd. – H-S. f. 106. – (sec. WLK. *Sph.* 101 = *lusca* F.) – Am aequin." (HERRICH-SCHÄFFER [1858]: 59). – "106. *Perigonia stulta* H-S. – sec. WALK. *lusca*." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1 syntype (in good condition): "*P. Lusca* F. / *P. stulta* HS. Lep. E. / Surinam

Kpl. 55." // "390" // "SYNTYPE / *Perigonia stulta* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. – Type species of *Perigonia* Herrich-Schäffer, [1854].

Current classification: Sphingidae: Macroglossinae: Dilophonotini: *Perigonia stulta* Herrich-Schäffer, [1854].

Taxonomic remarks: Treated as a species of *Perigonia* Herrich-Schäffer, [1854] by KIRBY (1892: 637), D'ABRERA (1986: 110), BRIDGES (1993: 19), and KITCHING & CADIOU (2000: 62).

zantus Herrich-Schäffer, [1854] (Fig. 38)

Original combination: *Lophura Zantus* Boisd. – In: HERRICH-SCHÄFFER ([1854]): [pl. 23], fig. 105, wrapper.

Type locality/material: "Cap." [South Africa]; "coll. Stuttg.".

Subsequent citations: "*Lophura* Bd. (1822 Aves FLEM. – 1840. Reptil. GRAY.) *zantus* Bd. f. 105." (HERRICH-SCHÄFFER [1858]: 59). – "105. *Lophura zantus* H-S" (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1♀, syntype (margins of all wings damaged): "*Lophura* / Tr. IX. 537. Boisd." // "*L. zantus* HS. n. sp. H. Schff. / HS. E. f. 105. / Cap. Krauß 40." // "8." // "395" // "SYNTYPE / *Lophura zantus* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon.

Current classification: Sphingidae: Macroglossinae: Macroglossini: *Temnora zantus* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Lophuron* Boisduval, 1847 by KIRBY (1892: 641), and of *Temnora* Walker by PINHEY (1975: 140), CARCASSON (1976: 95), D'ABRERA (1986: 147), BRIDGES (1993: 24), KITCHING & CADIOU (2000: 69) and VÁRI et al. (2002: 161).

4.14 Notodontidae (Noctuoidea)

bipartita Herrich-Schäffer, [1854] (Fig. 62)

Original combination: (*Noct.*) *bipartita* m. – In: HERRICH-SCHÄFFER ([1854]): [pl. 27], fig. 128, wrapper.

Type locality/material: "Surin." [Surinam]; "Coll. Stuttgardt.".

Subsequent citations: "*Noctua*? *bipartita* H-S. f. 128. – WLK. Noct. 267. – Aus Surinam. – Scheint mir ebenfalls zu den Notodontinen zu gehören." (HERRICH-SCHÄFFER [1858]: 68). – "128. (*Noct.*) *bipartita* H-S. – ad Notodontina?" (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1♀, syntype: "*Edema* Walker." / Phalaen. p. Abb. Hybom. Hbn. / p." // "*E. bipartita* H.S. / H.S. n. E. f. 128. / Surinam. Kpl. 45." // "SYNTYPE / *Noct. bipartita* / Herrich-Schäffer, / [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Current classification: Notodontidae? *Edema bipartita* (Herrich-Schäffer, [1854])?

Taxonomic remarks: The species could not be located in the literature.

difformis Herrich-Schäffer, [1854] (Fig. 41)

Original combination: *Canodea difformis* m. – In: Herrich-Schäffer ([1854]): [pl. 28], fig. 132, wrapper.

Type locality/material: "Surinam" [Surinam]; "Coll. Stuttgardt.".

Subsequent citations: "*Canodia* [...] *difformis* H-S. f. 132 aus Surinam." (Herrich-Schäffer [1858]: 67). – "132. *Canodea* [sic] *difformis* H-S. – *Canodia*." (Herrich-Schäffer [1858]: 79).

SMNS: 1 syntype (body dermestid-eaten, abdomen and right antenna missing): "99." // "*Canodia* Guen." // "*C. carmelitoides* / Guen. / Surinam. Kpl. 53." // "SYNTYPE / *Canodea* [sic] / *difformis* Herrich- / Schäffer, [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Current classification: Notodontidae: Notodontinae: *Canodia difformis* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Canodia* Guenée, 1852 by Draudt (1932–1934: 1051), and Gaede (1934).

straminea Herrich-Schäffer, [1855] (Fig. 42)

Original combination: *Diastema straminea* m. mas. – In: Herrich-Schäffer ([1855]): [pl. 66], fig. 379, wrapper.

Type locality/material: "Natal." [South Africa]; "Stuttgardt".

Subsequent citations: "*Diastema* m. – *Antheua* Walk. *straminea* H-S. f. 379. – *simplex* Walk. Bb. 687. – *Phylandra paleacea* Bd. in litt. – Port Natal." (Herrich-Schäffer [1858]: 67). – "379. *Diastema straminea* H-S. mas. – *D. simplex* Wlk. – *Phylandra paleacea* Bd. in litt." (Herrich-Schäffer [1858]: 82).

SMNS: 1♂, syntype (tear in left forewing, tornal areas of both hindwings missing, distal part of left antenna missing): "*Diastemma*" / H.S." // "*D. straminea* HS." / HS. n. E. nov. g.? / Natal. Krauß. 40." // "SYNTYPE / *Diastema* / *straminea* Herrich- / Schäffer, [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: Type species of *Diastema* Herrich-Schäffer, [1855], a junior homonym of *Diastema* Guenée, 1852 (Noctuidae) (cf. Watson, Fletcher & Nye 1980: 11).

Current classification: Notodontidae: Phalerinae: *Antheua straminea* (Herrich-Schäffer, [1855]), a junior subjective synonym of *Antheua simplex* Walker, 1855.

Taxonomic remarks: Treated as a synonym of *Diastemina simplex* (Walker, 1855) by Gaede (1928: 431) and as a synonym of *Antheua simplex* Walker, 1855 by Pinhey (1975: 151), Watson, Fletcher & Nye (1980: 11) and Vári et al. (2002: 162).

4.15 Noctuidae (Noctuoidea)

borbonica Herrich-Schäffer, [1854] (Fig. 43)

Original combination: *Aganais borbonica* Boisd. (foem.). – In: Herrich-Schäffer ([1854]): [pl. 25], fig. 118, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Aganais* Bd. [...] *borbonica* Bd. HS. Exot. 120. 118." (Herrich-Schäffer 1855: 92, [1856]: 12). – "*Aganais* Bd. [...] *borbonica* Bd. Madag. pl. 15. 1. – H-S. f. 120. mas. – 118. foem. – Wlk. Bb. 458. – Ins.

Bourb." (HERRICH-SCHÄFFER [1858]: 70). – "118. *Aganais borbonica* foem." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1 ♀, syntype (all margins with tears and damage, left and distal half of right antenna missing): "Bourbon / v. Ludwig 1897" [sic!; error for 1837] // "SYNTYPE / *Aganais* / *borbonica* Herrich- / Schäffer, [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: The locality given on the wrapper ("Cap.") is obviously erroneous while the locality stated both on the labels and in the text ("Ins.[ula] Bourb.[on]") agrees with the known distribution of the species (Madagascar, Bourbon). VÁRI et al. (2002: 219) are not aware of any South African specimens.

Current classification: Noctuidae: Aganainae: *Asota borbonica* (Herrich-Schäffer, [1854]), a junior subjective synonym of *Asota borbonica* (Boisduval, 1833).

Taxonomic remarks: Treated as *Asota borbonica* (Boisduval, 1833) by VÁRI et al. (2002: 176).

borbonica Herrich-Schäffer, [1854] (Fig. 44)

Original combination: *Aganais borbonica* Boisd. (mas). – In: HERRICH-SCHÄFFER ([1854]): [pl. 25], fig. 119 [recte 120!], wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Aganais* Bd.[...] *borbonica* Bd.HS. Exot. 120. 118." (HERRICH-SCHÄFFER 1855: 92, [1856]: 12). – "*Aganais* Bd.[...] *borbonica* Bd.Madag. pl. 15. 1. – H-S. f. 120. mas. – 118. foem. – WLK. Bb. 458. – Ins. Bourb." (HERRICH-SCHÄFFER [1858]: 70). – "120. *Aganais borbonica* mas. H-S." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1♂, syntype (left and distal half of right antenna missing, hindwings damaged): "*H. borbonica* B. ♂ ♀ / Bourbon. v. Ludw. 37" // "SYNTYPE / *Aganais* / *borbonica* Herrich- / Schäffer, [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: On plate 25 the numbers of figures 119 and 120 were inadvertently transposed and should be corrected on the wrapper. The text (pp. 70, 79) has the correct figure numbers. HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. The locality given on the wrapper ("Cap.") is obviously erroneous while the locality stated both on the labels and in the text ("Ins.[ula] Bourb.[on]") agrees with the known distribution of the species (Madagascar, Bourbon). VÁRI et al. (2002: 219) are not aware of any South African specimens.

Current classification: Noctuidae: Aganainae: *Asota borbonica* (Herrich-Schäffer, [1854]), a junior subjective synonym of *Asota borbonica* (Boisduval, 1833).

Taxonomic remarks: Treated as *Asota borbonica* (Boisduval, 1833) by VÁRI et al. (2002: 176).

capensis Herrich-Schäffer, [1854] (Fig. 65)

Original combination: *Eudryas*? *capensis* m. – In: HERRICH-SCHÄFFER ([1854]): [pl. 25], figs. 115, 116, wrapper.

Type locality/material: "Cap" [South Africa]; "Coll. Stuttgardt.".

Subsequent citations:: "*Arctia* Schrk. [...] – *capensis* HS. 115." (HERRICH-SCHÄFFER 1855: 96, [1856]: 16). – "*Arctia* Schrk. [...] Subg. *Ovios* Wlk. *capensis*

H-S. f. 115. 116. – Wlk. Bb. 753. Cap." (Herrich-Schäffer [1858]: 72). – "115. 116. *Eudryas? capensis* H-S. – *Ovios*." (Herrich-Schäffer [1858]: 79).

SMNS: No material found.

Current classification: Noctuidae: Agaristinae: *Ovios capensis* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Ovios* Walker, 1855 by Janse (1937: 46), Pinhey (1975: 159), Poole (1989: 748) and Vári et al. (2002: 195).

capensis Herrich-Schäffer, [1854] (Fig. 46)

Original combination: *Hypopyra capensis* m. – In: Herrich-Schäffer ([1854]): [pl. 26], figs. 121, 122, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Hypopyra capensis* H-S. f. 121. 122. Von Port. Natal." (Herrich-Schäffer [1858]: 68). – "121. 122. *Hypopyra capensis* H-S." (Herrich-Schäffer [1858]: 79).

SMNS: 1♂, syntype (tears in all wings): "*Hypopyra* Guen." // "*H. capensis* H.S. / H.S. n. E. f. 121. 122. / Natal Krauß. 40."

Current classification: Noctuidae: Catocalinae: *Hypopyra capensis* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Enmonodia* Walker by Pinhey (1975: 212) and of *Hypopyra* Guenée, 1852 by Poole (1989: 542) and Vári et al. (2002: 182).

capicola Herrich-Schäffer, [1854] (Fig. 65)

Original combination: *Spodoptera capicola* m. – In: Herrich-Schäffer ([1854]): [pl. 27], fig. 131, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Spodoptera capicola* H-S. f. 131. – Walk. Noct. 191. Vom Cap. Ich weiss nicht wesshalb Herr Walker diese ihn [sic; recte: ihm] unbekannte Art zu *Laphygma* zieht, eben so wenig, warum sie mir Herr Boisd. als eine *Spodoptera* bezeichnet; ich würde sie unter *Charadrina* gereiht haben, eben so wie die folgende, von Herrn Walker zu *Graphophora* gezogene" (Herrich-Schäffer [1858]: 68). – "131. *Spodoptera capicola* H-S." (Herrich-Schäffer [1858]: 79).

SMNS: No material found.

Current classification: Noctuidae: "Amphipyrinae": *Spodoptera capicola* Herrich-Schäffer, [1854], a junior subjective synonym of *Spodoptera cilium* Guenée, 1852.

Taxonomic remarks: Treated as a species of *Proxenus* Herrich-Schäffer, [1850] by Janse (1938: 228). Treated as the valid name of the *Spodoptera* species also known as *cilium* Guenée, 1852 and *abyssinia* Guenée, 1852, but under the assumption that *capicola* Herrich-Schäffer was published in 1850, by Pinhey (1975: 196). Pinhey noted that according to Viette Herrich-Schäffer's name was published after 1852 in which case the name *abyssinia* Guenée, 1852 should take priority. Currently, most authors consider *Ariathisa abyssinia* (Guenée, 1852) as a taxon not only specifically but also generically distinct from *Spodoptera cilium*

Guenée, 1852 (see below). Treated as a synonym of *Spodoptera cilium* Guenée, 1852 by POOLE (1989: 922), HACKER (1999: 166) and VÁRI et al. (2002: 200).

caudatula Herrich-Schäffer, [1854] (Fig. 65)

Original combination: *Palindia caudatula* m. – In: HERRICH-SCHÄFFER ([1854]): [pl. 28], fig. 136, wrapper.

Type locality/material: "Surin." [Surinam]; "Coll. Stuttgardt.".

Subsequent citations: "*Palindia caudatula* H-S. f. 136. – WLK. Noct. 850. – Aus Surinam." (HERRICH-SCHÄFFER [1858]: 68). – "136. *Palindia caudatula* H-S." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: No material found.

Current classification: Noctuidae: Catocalinae: *Eulepidotis caudatula* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Eulepidopis* Hübner, 1823 by POOLE (1989: 405).

circularis Herrich-Schäffer, [1854] (Fig. 65)

Original combination: *Ingura circularis* Bd. – In: HERRICH-SCHÄFFER ([1854]): [pl. 27], fig. 125, wrapper.

Type locality/material: "Surin." [Surinam]; "Coll. Stuttgardt.".

Subsequent citations: "*Ingura circularis* H-S. f. 125. – Aus Surinam." (HERRICH-SCHÄFFER [1858]: 68). – "125. *Ingura circularis* H-S." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: No material found.

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon.

Current classification: Noctuidae: Euteliinae: *Paectes circularis* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Paectes* Hübner, [1818] by DRAUDT (1919–1944) and POOLE (1989: 757).

euclidioides Herrich-Schäffer, [1854] (Fig. 45)

Original combination: *Grammodes euclidioides* Gn. – In: HERRICH-SCHÄFFER ([1854]): [pl. 28], figs. 137, 138, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Grammodes euclidioides* Gn. n. 171. 1716. – H-S. f. 137. 138. – Vom Cap." (HERRICH-SCHÄFFER [1858]: 68). – "137. 138. *Grammodes euclidioides* H-S." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1 syntype (head and left forewing missing): "Cap. / Krauss 1840". – 1 syntype (forewings and antennae missing, abdomen dermestid-eaten): "Cap. / Krauss 1840".

Comments: HERRICH-SCHÄFFER initially gave GUENÉE as the original author of this taxon.

Current classification: Noctuidae: Catocalinae: *Grammodes euclidioides* Herrich-Schäffer, [1854], a junior subjective synonym of *Grammodes euclidioides* Guenée, 1852.

Taxonomic remarks: Treated as *Grammodes euclidioides* Guenée, 1852 by Poole (1989: 467) and Vári et al. (2002: 182).

excisa Herrich-Schäffer, [1854] (Fig. 65)

Original combination: (*Noct.*) *excisa* m. – In: Herrich-Schäffer ([1854]): [pl. 27], fig. 129, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Spod. excisa* H-S. f. 129. – Wlk. Noct. 402. *Graphophora*. – Vom Cap." (Herrich-Schäffer [1858]: 68) [and see remark on *capicola* which also refers to *excisa*]. – "129. (*Noct.*) *excisa* H-S. – *Spodoptera*?" (Herrich-Schäffer [1858]: 79).

SMNS: No material found.

Current classification: Noctuidae: "Amphipyrinae": *Ariathisa excisa* (Herrich-Schäffer, [1854]), a junior subjective synonym of *Ariathisa abyssinia* (Guenée, 1852).

Taxonomic remarks: Treated as a species of *Ariathisa* Walker by Janse (1938: 286) and Pinhey (1975: 199), and as a synonym of *Ariathisa abyssinia* (Guenée, 1852) by Poole (1989: 123; new synonymy) and Vári et al. (2002: 196).

inconspicua Herrich-Schäffer, [1854] (Fig. 48)

Original combination: [*Hypopyra*] *inconspicua* m. – In: Herrich-Schäffer ([1854]): [pl. 26], figs. 123, 124, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Hypopyra* [...] *inconspicua* H-S. f. 123. 124. Vom Cap." (Herrich-Schäffer [1858]: 69). – "123. 124. – [*Hypopyra*] *inconspicua* H-S." (Herrich-Schäffer [1858]: 79).

SMNS: 1 syntype (distal half of right antenna missing, some damage to forewing apices): "*H. inconspicua* H.S. / H.S. n. E. f. 123. 124. / Surinam Kpl. 49.". – 1 syntype (tips of both antennae missing, some tears and damage to most wings): "Surinam / Kpl. 1849".

Comments: Both specimens are evidently mis-labelled. This is an African species and there is no reason to doubt the locality (Cape region) Herrich-Schäffer gave both on the wrapper and in the text. At some stage in the curation of the collection when new labels were written there must have occurred an error in transcription so that the labels now bear the incorrect locality "Surinam" although the taxon name and figure numbers are correct.

Current classification: Noctuidae: Catocalinae: *Spirama inconspicua* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Spirama* Guenée, 1852 by Poole (1989: 921; new combination) and Vári et al. (2002: 186).

indigna Herrich-Schäffer, [1854] (Fig. 65)

Original combination: *Apamea indigna* m. – In: Herrich-Schäffer ([1854]): [pl. 27], fig. 130, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Agrotis*? *indigna* H-S. f. 130. – Walk. Noct. 167. *Celoe-*

na? – Vom Cap." (HERRICH-SCHÄFFER [1858]: 68). – "130. *Apamea indigna* H-S. – *Agrotis*?" (HERRICH-SCHÄFFER [1858]: 79).

SMNS: No material found.

Current classification: Noctuidae: Noctuinae: *Mentaxya indigna* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Amazonides* Fletcher, 1961 by PINHEY (1975: 184), and of *Mentaxya* Geyer, 1837 by POOLE (1989: 645) and VÁRI et al. (2002: 203).

leucomelas Herrich-Schäffer, [1853] (Fig. 63)

Original combination: *Phaegorista leucomela* [sic] Bd. – In: HERRICH-SCHÄFFER ([1853]): [pl. 5], figs. 22, 23, wrapper.

Type locality/material: "Senegar." [sic] [Senegal]; not stated.

Subsequent citations: "*Agarista* Leach. [...] (*Phaegorista* Bd.) *leucomelas* Bd. – HS. f. 22. 23." (HERRICH-SCHÄFFER 1855: 93, [1856]: 13). – "*Phaegorista* Bd. *leucomelas* H-S. f. 22. 23. – WLK. Bb. 1589. – *Metagarista triphaenoides* ibid. 61. – Senegal." (HERRICH-SCHÄFFER [1858]: 71). – "22. 23. *Phaegorista leucomelas* H-S." (HERRICH-SCHÄFFER [1858]: 78).

SMNS: 1 syntype (both antennae and apex of right forewing missing, tears in hindwings, right forewing has been "repaired" by glueing alien wing material to its underside): "*Phaegorista* / Boisd." // "*Ph. leucomelas* / HS. n. E. f. 22. 23. H. S. / Natal. Krauß. 40" // "SYNTYPE / *Phaegorista* / *leucomela* [sic] / Herrich-Schäffer, / [1853] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. The name was originally spelled "*leucomela*" on the wrapper. In the text HERRICH-SCHÄFFER corrected the spelling to the grammatically correct form "*leucomelas*". As this correction was not accompanied by a statement of intention it cannot be interpreted as an emendation under the Code, Art. 33.2. but has to be considered an incorrect subsequent spelling. However, as this spelling "*leucomelas*" is in prevailing usage (e. g. GAEDE 1926: 89) it is to be preserved and deemed to be a correct original spelling under the Code, Art. 33.3.1.

Current classification: Noctuidae: Aganainae: *Phaegorista leucomelas* Herrich-Schäffer, [1853].

Taxonomic remarks: Treated as a species of *Phaegorista* Boisduval, [1836] by GAEDE (1926: 89).

lutescens Herrich-Schäffer, [1854] (Fig. 65)

Original combination: (*Noct.*) *lutescens* m. – In: HERRICH-SCHÄFFER ([1854]): [pl. 27], fig. 127, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Hadena* [...] ? *lutescens* H-S. f. 127 – WALK. Noct. 592. – Vom Cap." (HERRICH-SCHÄFFER [1858]: 68). – "127. (*Noct.*) *lutescens* H-S. – *Hadena*?" (HERRICH-SCHÄFFER [1858]: 79).

SMNS: No material found.

Current classification: Noctuidae: "Hadeninae": *Nyodes lutescens* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Nyodes* Laporte, 1970 by Poole (1989: 707; new combination) and Vári et al. (2002: 202).

megastigma Herrich-Schäffer, [1854] (Fig. 47)

Original combination: *Hypetra megastigma* m. – In: Herrich-Schäffer ([1854]): [pl. 28], fig. 133, wrapper.

Type locality/material: "Surinam" [Surinam]; "Coll. Stuttgardt.".

Subsequent citations: "*Hypetra megastigma* H-S. f. 133. Aus Surinam." (Herrich-Schäffer [1858]: 68). – "133. *Hypetra megastigma* H-S." (Herrich-Schäffer [1858]: 79).

SMNS: There is 1 ♀ collected, according to the label, in 1860 (large tear in left forewing, smaller ones in right fore- and hindwing): "*Hypaetra*" [sic] / "Guen." // "*H. megastigma* HS." / H.S. n. E. f. 133 / Surinam. Kpl. 60."

Comments: If the specimen was really collected in "[18]60" as the label indicates it cannot be considered a syntype. It does agree well with the figure and the question arises how reliable the label data are. We suspect that the year on the label is an error, perhaps a lapsus for "[18]50" and consider the specimen a syntype. See also *heliconides* (Riodinidae).

Current classification: Noctuidae: Catocalinae: *Epitausa megastigma* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Epitausa* Walker, [1857] by Poole (1989: 367; new combination).

trinota Herrich-Schäffer, [1854] (Fig. 65)

Original combination: (*Noct.**) *trinota* m. – In: Herrich-Schäffer ([1854]): [pl. 27], fig. 126, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Mythimna*? *trinota* H-S. f. 126. – Vom Cap. Die Beschreibung der *M. claudicans* bei Gn. deutet auf eine ähnliche Art; dass sie nicht in die Gattung *Gortyna* gezogen werden kann, wie Walker p. 158 thut, bedarf wohl keines Gegenbeweises." (Herrich-Schäffer [1858]: 68). – "126. (*Noct.*) *trinota* H-S. – *Mythimna*?" (Herrich-Schäffer [1858]: 79).

SMNS: No material found.

Current classification: Noctuidae: "Amphipyrinae": *Afrogortyna trinota* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Leucochlaena* Hampson, 1906 by Pinhey (1975: 191) and Poole (1989: 588), and as a species of *Afrogortyna* Krüger, 1887 by Vári et al. (2002: 196).

vermiculosa Herrich-Schäffer, [1854] (Fig. 51)

Original combination: *Catocala vermiculosa* m. – In: Herrich-Schäffer ([1854]): [pl. 28], figs. 134, 135, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Cerocala vermiculosa* H-S. f. 134. 135. – Vom Cap. Die ganz ähnliche Zeichnung lässt mich an der richtigen Gattung nicht zweifeln. Das Männchen würde demnach kammzähnige Fühler haben." (Herrich-Schäffer

[1858]: 68). – "134. 135. *Catocala vermiculosa* H-S. – *Cerocala*." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1♀, syntype (antennae missing, tear in left hindwing, fringes of left forewing partly missing): "*Cerocala* Boisd." // "*E. capicola* HS. / Cap. v. Lud. nov. sp. 37." // "SYNTYPE / *Catocala vermi-* / *culosa* Herrich- / Schäffer, [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – 1♀, syntype (left wings and antennae missing, right wings torn and damaged): "Cap / v. Ludwig 1837" // "SYNTYPE / *Catocala* / *vermiculosa* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: The species was obviously recognised as new and given the name "*E. capicola* HS." on the label; (this can be considered a manuscript name). However, in his publication, both on the wrapper and in the text, HERRICH-SCHÄFFER used the name *vermiculosa*.

Current classification: Noctuidae: Catocalinae: *Cerocala vermiculosa* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Cerocala* Boisduval, 1829 by PINHEY (1975: 219), POOLE (1989: 232) and VÁRI et al. (2002: 180).

4.16 Arctiidae (Noctuoidea)

amazonula Herrich-Schäffer, [1855] (Fig. 49)

Original combination: *Thyretes amazonula* [sic] Bd. mas. – In: HERRICH-SCHÄFFER ([1855]): [pl. 50], fig. 272, wrapper.

Type locality/material: "Afr. austr." [South Africa]; "Mus. Stuttg.".

Subsequent citations: "*Syntomis* O. [...] endlich meine figg. 267 bis 273. welche vielleicht in zwei Gattungen (*Thyretes* Bd.) zerfallen." (HERRICH-SCHÄFFER 1855: 103, [1856]: 23). – "*Syntomis* O. [...] *amazona* [sic] Bd. – H-S. f. 272. – Afr." (HERRICH-SCHÄFFER [1858]: 72). – "272. *Thyretes amazonula* [sic] H-S. – *Syntomis amazona* [sic] Bd." (HERRICH-SCHÄFFER [1858]: 81).

SMNS: 1 syntype (antennae missing): "41" // "*S. amazoula* HS." [sic] / "H.S. n. E. f. 272. / Natal Krauß. 40." // "SYNTYPE / *Thyretes ama-* / *zonula* Herrich- / Schäffer, [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. The original spelling is "*Thyretes amazonula*", used on the wrapper. Three years later HERRICH-SCHÄFFER used the spelling "*amazona*" in both text chapters ([1858]: 72, 81), an incorrect subsequent spelling.

Current classification: Arctiidae: Syntominae: *Epitoxis amazonula* (Herrich-Schäffer, [1855]), a junior subjective synonym of *Epitoxis amazoula* (Boisduval, 1847).

Taxonomic remarks: Treated as a synonym of *Epitoxis amazoula* Boisduval, 1847 by KIRBY (1892: 100, in the spelling "*amazona*"). Treated as *Epitoxis amazoula* (Boisduval, 1847) by HAMPSON (1898: 125) and SEITZ (1926: 47) without mention of HERRICH-SCHÄFFER's name. Treated as *Epitoxis amazoula* (Boisduval, 1847) by VÁRI et al. (2002: 174) with "*Syntomis amazonula* Walker, 1865" listed in synonymy (without mention of HERRICH-SCHÄFFER's name).

caffraria Herrich-Schäffer, [1855] (Fig. 54)

Original combination: *Thyretes caffraria* mas. – In: Herrich-Schäffer ([1855]): [pl. 50], fig. 271, wrapper.

Type locality/material: "Afr. austr." [South Africa]; "Mus. Berol.".

Subsequent citations: "*Syntomis* O. [...] endlich meine figg. 267 bis 273. welche vielleicht in zwei Gattungen (*Thyretes* Bd.) zerfallen." (Herrich-Schäffer 1855: 103, [1856]: 23). – "*Syntomis* O. [...] *fulvescens* Wlk. Bb. 132. – *caffraria* H-S. f. 271. – Congo." (Herrich-Schäffer [1858]: 72). – "271. *Thyretes caffraria* H-S. - *Syntomis fulvescens* Wlk. (Herrich-Schäffer [1858]: 81).

SMNS: 1♂, syntype (right antenna missing, left forewing rubbed): "*S. fulvescens* H.S. [sic] / H.S. n. E. f. 271./ Natal. Krauß. 40" "43." // "SYNTYPE / *Thyretes caffraria* / Herrich-Schäffer, / [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – 1♀, syntype (wings damaged): "Natal Krauss / 1840" // "44." // "SYNTYPE / *Thyretes caffraria* / Herrich-Schäffer, / [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: The depository given on the wrapper is "Mus. Berol." [Museum Berlin]. As the next two figures depict species in the Stuttgart Museum it is possible that "Mus. Berol." was an error. Two specimens matching the figure are present in SMNS from Natal and we consider them syntypes. The citation of "Congo" on p. 72 may refer to the type locality of *Syntomis fulvescens* Walker, 1854.

Current classification: Arctiidae: Syntominae: *Ceryx caffraria* (Herrich-Schäffer, [1855]), a junior subjective synonym of *Ceryx fulvescens* (Walker, 1854).

Taxonomic remarks: Treated as a synonym of *Trichaeta fulvescens* Walker, 1854 by Hampson (1898: 54) and Pinhey (1975: 161), and as a synonym of *Ceryx fulvescens* (Walker, 1854) by Vári et al. (2002: 174).

longipes Herrich-Schäffer, [1855] (Fig. 50)

Original combination: *Syntomis longipes* Bd. foem. – In: Herrich-Schäffer ([1855]): [pl. 50], fig. 273, wrapper.

Type locality/material: "Afr. austr." [South Africa]; "Mus. Stuttg.".

Subsequent citations: "*Syntomis* O. [...] endlich meine figg. 267 bis 273. welche vielleicht in zwei Gattungen (*Thyretes* Bd.) zerfallen." (Herrich-Schäffer 1855: 103, [1856]: 23). – "*Syntomis* O. [...] *longipes* H-S. f. 273. – *simplex* Wlk. Bb. 129. – Port. Natal." (Herrich-Schäffer [1858]: 72). – "273. *Syntomis longipes* H-S. foem." (Herrich-Schäffer [1858]: 81).

SMNS: 1 syntype (right forewing and antennae missing): "42." // "*S. longipes* H.S. / H.S. n. E. f. 273. / Natal Krauß. 40." // "SYNTYPE / *Syntomis longipes* / Herrich-Schäffer, / [1855] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: Herrich-Schäffer initially gave Boisduval as the original author of this taxon. According to Hampson (1898: 47) the type is in "Coll. Staudinger" (now in MNHU).

Current classification: Arctiidae: Syntominae: *Ceryx longipes* (Herrich-Schäffer, [1855]).

Taxonomic remarks: Treated as a species of *Ceryx* Wallengren, 1863 by Hampson (1898: 47), Seitz (1926: 42), Pinhey (1975: 160) and Vári et al. (2002: 174).

pardalina Herrich-Schäffer, [1854] (Figs. 52, 53)

Original combination: *Euchelia pardalina* Boisd. – In: HERRICH-SCHÄFFER ([1854]): [pl. 25], fig. 117, wrapper.

Type locality/material: "Cap." [South Africa]; "Coll. Stuttgardt.".

Subsequent citations: "*Arctia* Schrk. [...] – *pardalina* Bd. – HS. f. 117." (HERRICH-SCHÄFFER 1855: 96, [1856]: 16). – "*Callimorpha* Ltr. [...] ?*bellatrix* Dalm. Anal. 50. 26. – WLK. Bb. 652. – *pardalina* H-S. f. 117. – Port. Natal." (HERRICH-SCHÄFFER [1858]: 72). – "*Euchelia pardalina* H-S. – *Callimorpha*? *bellatrix* Dalm." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1♀, syntype (right and distal half of left antenna missing, slight tears and damage to wing margins): "497." // "*H. bellatrix* Dalm. / *Euchelia pardalina* Boisd. / Cap v. Ludw. 37." // "24.9 AF 5 / *Amphicallia* – / *bellatrix* 2 / cap / 113 (18a)" // "SYNTYPE / *Euchelia pardalina* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – 1♀, syntype (distal half of left and tip of right antenna missing, hole in right hindwing, abdomen and thorax transfixed by pin to connect abdomen to body): "Cap. v. Ludwig / 1837 ?" // "SYNTYPE / *Euchelia pardalina* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. Although the second specimen has a question mark on the label we accept it as coming from the same collector and locality as the first on the grounds that both are pinned on the same type of pin and are in similar condition.

Current classification: Arctiidae: Arctiinae: Utetheisini: *Amphicallia pardalina* (Herrich-Schäffer, [1854]), a junior subjective synonym of *Amphicallia bellatrix* (Dalman, 1823).

Taxonomic remarks: Treated as a synonym of *Amphicallia bellatrix* (Dalman, 1823) by BRYK (1937: 36), PINHEY (1975: 170) and VÁRI et al. (2002: 172).

4.17 Lymantriidae (Noctuoidea)

adspersa Herrich-Schäffer, [1854] (Fig. 55)

Original combination: *Liparis adspersa* m. – In: HERRICH-SCHÄFFER ([1854]): [pl. 24], fig. 109, wrapper.

Type locality/material: "Port Natal." [South Africa]; "coll. Stuttg.".

Subsequent citations: "*Laelia* Stph. [...] *adspersa* HS. f. 109." (HERRICH-SCHÄFFER 1855: 98, [1856]: 18). – "*Laelia* Stph. [...] *adspersa* H-S. f. 109. – (*Aroa* Walk. Bb. 793). – Port. Natal." (HERRICH-SCHÄFFER [1858]: 70). – "109. *Liparis adspersa* H-S. – *Laelia*." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1♂, syntype (wings partly rubbed, tear in right hindwing): "*A. Adspersa* H.S. / Lipar H.S. L. E. pl. 24. f. 109. / Natal. Krauß. 40." // "SYNTYPE / *Liparis adspersa* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Current classification: Lymantriidae: *Crorema adspersa* Herrich-Schäffer ([1854]).

Taxonomic remarks: Treated as a species of *Crorema* Walker, 1855 by HERING (1926–1927: 135), BRYK (1934: 194), PINHEY (1975: 174) and VÁRI et al. (2002: 167).

crocata Herrich-Schäffer, [1854] (Fig. 56)

Original combination: *Liparis crocata* Bd. – In: HERRICH-SCHÄFFER ([1854]): [pl. 24], fig. 112, wrapper.

Type locality/material: "Cap" [South Africa]; "coll. Stuttg.".

Subsequent citations: "*Euproctis* HV. [...] *crocata* Bd. – HS. 112." (HERRICH-SCHÄFFER 1855: 98, [1856]: 18). – "*Euproctis* HV. – *Aroa* Walk. [...] *crocata* H-S. f. 112 (*Aroa* Walk. Bb. 793.) – Port. Natal." (HERRICH-SCHÄFFER [1858]: 70). – "112. *Liparis crocata* H-S. – *Euproctis*." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1♂, syntype (abdomen and right antenna missing, right hindwing glued to transparent film): "*A. Crocata* H.S. / "*Euproct.* H.S. n. E. f. 112. / Cap. v. Ludw. 37." // "SYNTYPE / *Liparis crocata* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. The type locality was given as "Cap" (Cape region) on the wrapper and as "Port. Natal." in the text. The label bears the locality "Cap".

Current classification: Lymantriidae: *Euproctis crocata* (Herrich-Schäffer, [1854]), a junior subjective synonym and secondary homonym of *Euproctis crocata* (Boisduval, 1847).

Taxonomic remarks: Treated as *Euproctis crocata* (Boisduval, 1847) by BRYK (1934: 271) and VÁRI et al. (2002: 167) without mention of HERRICH-SCHÄFFER's name. Treated as *Euproctis crocota* [sic; a misspelling] (Boisduval, 1847) by HERING (1926–1927: 145).

crocicollis Herrich-Schäffer, [1854] (Fig. 57)

Original combination: *Liparis crocicollis* Bd. – In: HERRICH-SCHÄFFER ([1854]): [pl. 24], fig. 110, wrapper.

Type locality/material: "Cap" [wrapper], "Port Natal." [South Africa] [p. 70]; "coll. Stuttg.".

Subsequent citations: "*Hypogymna* HV. [...] *crocicollis* HS. Exot. f. 110." (HERRICH-SCHÄFFER 1855: 98, [1856]: 18). – "*Hypogymna* HV. – *Antiphella* Wlk. *crocicollis* H-S. f. 110. – WLK. Bb. 1744). – Port. Natal." (HERRICH-SCHÄFFER [1858]: 70). – "110. *Liparis crocicollis* H-S. – *Antiphella*." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1♀, syntype (body partly dermestid-eaten, right antenna missing, right wings glued to transparent film): "*A. Crocicollis* Boisd. / H.S. n. E. f. 110. / Natal Krauß. 40." // "SYNTYPE / *Liparis crocicollis* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – 1♂, syntype (right antenna missing): "*Antiphella* Walk." // "*A. Crocicollis* Boisd." / H.S. n. E. f. 110 / Cap. v. Ludw. 37." // "SYNTYPE / *Liparis crocicollis* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon.

Current classification: Lymantriidae: *Marblepsis crocicollis* (Herrich-Schäffer, [1854]), a junior subjective synonym of *Marblepsis flabellaria* (Fabricius, 1787).

Taxonomic remarks: Treated as a synonym of *Olapa flabellaria* (Fabricius, 1787) by HERING (1926–1927: 137) and BRYK (1934: 197), and as a synonym of *Marblepsis flabellaria* (Fabricius, 1787) by VÁRI et al. (2002: 169).

dealbata Herrich-Schäffer, [1854] (Figs. 58, 59)

Original combination: *Liparis dealbata* Bd. – In: Herrich-Schäffer ([1854]): [pl. 24], fig. 111, wrapper.

Type locality/material: "Port. Natal" [South Africa]; "coll. Stuttg.".

Subsequent citations: "*Laelia* Stph. [...] *dealbata* HS. f. 111." (Herrich-Schäffer 1855: 98, [1856]: 18). – "*Laelia* Stph. [...] *dealbata* H-S. f. 111. – (*Leucoma* Walk. Bb. 830). Port. Natal." (Herrich-Schäffer [1858]: 70). – "111. *Liparis dealbata* H-S. – *Leucoma*." (Herrich-Schäffer [1858]: 79).

SMNS: 1♀, syntype (tears in left wings, right antenna missing): "398 / *L. dealbata* Steph." [sic] / "*Liparis* Boisd. / Natal Krauß 40" // "SYNTYPE / *Liparis dealbata* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – 1♂ [sic], syntype: "*Leucoma* Steph. / Walk, 829." // "*L. dealbata* Boisd. / H.S. n. E. f. 111 ♀" [sic] / "Cap. v. Ludw. 37." // "SYNTYPE / / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – Other material: 1 ♂ (abdomen missing): "464" // "*Leucoma* / *dealbata*".

Comments: Herrich-Schäffer initially gave Boisduval as the original author of this taxon. The illustrated specimen is the female.

Current classification: Lymantriidae: *Creagra dealbata* (Herrich-Schäffer, [1854]), a junior subjective synonym of *Creagra liturata* (Guérin-Méneville, [1844]).

Taxonomic remarks: Treated as a synonym of *Creagra liturata* Guérin-Méneville, [1844] by Hering (1926–1927: 133), Bryk (1934: 186), Pinhey (1975: 174) and Vári et al. (2002: 167).

dregei Herrich-Schäffer, [1854] (Fig. 61)

Original combination: *Orgyia Dregei* Bd. – In: Herrich-Schäffer ([1854]): [pl. 24], fig. 114, wrapper.

Type locality/material: "Cap" [South Africa]; "coll. Stuttg.".

Subsequent citations: "*Orgyia* O. *dregei* H-S. f. 114. – Wlk. Bb. 786. – Cap." (Herrich-Schäffer [1858]: 70). – "114. *Orgya dregei* H-S." (Herrich-Schäffer [1858]: 79).

SMNS: 1♂, syntype (antennae missing): "*O. Dregei* Boisd." / H.S. n. E. 24. f. 114." / Cap. Krauß. 40." // "SYNTYPE / *Orgyia dregei* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: Herrich-Schäffer initially gave Boisduval as the original author of this taxon.

Current classification: Lymantriidae: *Bracharoa dregei* (Herrich-Schäffer, [1854]).

Taxonomic remarks: Treated as a species of *Bracharoa* Hampson, 1905 by Hering (1926–1927: 164), Bryk (1934: 304), Pinhey (1975: 178) and Vári et al. (2002: 167).

picta Herrich-Schäffer, [1854] (Fig. 60)

Original combination: *Liparis picta* Bd. – In: Herrich-Schäffer ([1854]): [pl. 24], fig. 113, wrapper.

Type locality/material: "Cap" [South Africa]; "coll. Stuttg.".

Subsequent citations: "*Lacipa* Walk. *picta* H-S. f. 113. – Wlk. Bb. 790. – Cap."

Tab. 2. Alphabetical index of the taxa described by Herrich-Schäffer from the collection of the SMNS. The taxa are listed in their original generic combination but with their current family assignation. Abbreviations of genera and question marks behind genus names are given as in the original description. – Taxa printed in **bold type** = syntype(s) in SMNS present. Taxa printed in normal type = no syntype(s) in SMNS found.

Taxon	Current family	Page	Figure(s)
acanthoides*, *Nymphidium	Riodinidae	17	15
adspersa, Liparis	Lymantriidae	69	55
amazonula, Thyretes	Arctiidae	67	49
anica, Eurygona	Riodinidae	18	16
anomalus, *Plegapteryx*	Geometridae	26	64
artos, Eurygona	Riodinidae	19	17
atrius, *Thecla*: see *atnius*	Lycaenidae	15	
atnius, Thecla	Lycaenidae	15	10
auletes, Jo	Saturniidae	31	34
auroguttata, Zeuzera	Cossidae	14	9
bipartita, Noct.	Notodontidae?	59	62
borbonica, Aganais	Noctuidae Aganainae	60, 61	43, 44
caffraria, Thyretes	Arctiidae	68	54
capensis, *Eudryas*?	Noctuidae Agaristinae	61	65
capensis, Hypopyra	Noctuidae Catocalinae	62	46
capicola, *Spodoptera*	Noctuidae "Amphipyrinae"	62	65
carnaria, *Acidalia*	Geometridae	26	64
cataleuca, Orimba	Riodinidae	19	18
caudatula, *Palindia*	Noctuidae Catocalinae	63	65
circularis, *Ingura*	Noctuidae Euteliinae	63	65
concinnularia, *Geom.*	Uraniidae	25	64
costipuncta, Heteromorpha	Eupterotidae	29	31
crocata, Liparis	Lymantriidae	70	56
crocicollis, Liparis	Lymantriidae	70	57
cronida, Castnia	Castniidae	14	8
cruraria, Macaria	Geometridae	27	30
cyanecula, Zama	Zygaenidae	12	6
dealbata, Liparis	Lymantriidae	71	58, 59
dichroaria, *Geometra*	Geometridae	27	64
difformis, Canodea	Notodontidae	60	41
dregei, Orgyia	Lymantriidae	71	61
elegantaria, *Acidalia*	Geometridae	27	64
essus, Thecla	Lycaenidae	15	11
euclidioides, Grammodes	Noctuidae Catocalinae	63	45
eurycles, Ambulyx	Sphingidae	57	35
eurymas, Jana	Eupterotidae	30	33
excisa, *Noct.*	Noctuidae	64	65
falcularia, *Patalene*	Geometridae	28	65
fortunii, Xenares	Zygaenidae	13	7
heliconides, Pheles	Riodinidae	20	19
helvaria, *Geom.*	Geometridae	28	64
hippea, Symmachia	Riodinidae	20	20
inconspicua, Hypopyra	Noctuidae Catocalinae	64	48
indigna, *Apamea*	Noctuidae Noctuinae	64	65

Tab. 2 (continued)

Taxon	Current family	Page	Figure(s)
lagora, Diophthalma	Riodinidae	21	21
leucomelas, Phaegorista	Noctuidae Aganainae	65	63
longipes, Syntomis	Arctiidae	68	50
lutescens, Noct.	Noctuidae Hadeninae	65	65
megastigma, Hypetra	Noctuidae Catocalinae	66	47
mirita, Diophthalma	Riodinidae	21	22
mys, Eurygona	Riodinidae	22	23
nega, Thecla	Lycaenidae	16	12
nicaste, Nymphidium	Riodinidae	22	24
nobilis, Thecla	Lycaenidae	16	13
nola, Mesene	Riodinidae	23	25
ophias, Eurygona	Riodinidae	23	26
orpheus, Chaerocampa	Sphingidae	57	36
paleacea, Heniocha	Saturniidae	31	32
pardalina, Euchelia	Arctiidae	69	52, 53
pedias, Theope	Riodinidae	24	27
pellucens, Psycharium	Somabrachyidae	12	5
picta, Liparis	Lymantriidae	71	60
poecilaria, Geom.	Geometridae	28	29
pulcherrima, Eurygona?	Riodinidae	24	28
punctum, Thecla	Lycaenidae	17	14
rectistriaria, Acadra	Geometridae	29	65
semissaria, Acidalia	Uraniidae	26	64
serrifasciaria, Fidonia	Geometridae	29	65
solani, Sphinx	Sphingidae	58	39, 40
straminea, Diastema	Notodontidae	60	42
stulta, Perigonia	Sphingidae	58	37
trinota, Noct.	Noctuidae Hadeninae	66	65
ustrinaria, Acidalia(?)	Hedylidae	25	64
vermiculosa, Catocala	Noctuidae Catocalinae	66	51
zantus, Lophura	Sphingidae	59	38
Other taxa illustrated by HERRICH-SCHÄFFER from SMNS material			
amesis Cramer, *Alesa*	Riodinidae	18	64
arcas Cramer, *Orimba* (misidentification, see *cataleuca*)	Riodinidae	19	
satyrus Westwood, *Eunogyra* (misidentification of *curupira* Bates)	Riodinidae	25	64
sinope Westwood, *Saturnia*	Saturniidae	32	
tantalus Herrich-Schäffer var.?, *Jana*	Eupterotidae	30	
wahlbergi Boisduval, *Saturnia*	Saturniidae	32	

(HERRICH-SCHÄFFER [1858]: 70). – "113. *Liparis picta* H-S. – *Lacipa*." (HERRICH-SCHÄFFER [1858]: 79).

SMNS: 1 syntype (abdomen and distal half of both antennae missing): "*L. picta* Boisd. / H.S. n. E. 24. f. 113" / Cap. v. Lud. 37." // "SYNTYPE / *Liparis picta* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002". – 1 ♂ (abdomen and right antenna missing, all wings rubbed and damaged): "Cap. / v. Ludwig 1837" // "SYNTYPE / *Liparis picta* / Herrich-Schäffer, / [1854] / Det. Häuser, / Bartsch, Holstein, / Steiner 2002".

Comments: HERRICH-SCHÄFFER initially gave BOISDUVAL as the original author of this taxon. – Type species of *Lacipa* Walker, 1855.

Current classification: Lymantriidae: *Lacipa picta* (Herrich-Schäffer, [1854]), a junior subjective synonym and secondary homonym of *Lacipa picta* (Boisduval, 1847).

Taxonomic remarks: Treated as a mention of *Lacipa picta* (Boisduval, 1847) by BRYK (1934: 296). Treated as *Lacipa picta* (Boisduval, 1847) by HERING (1926–1927: 141), PINHEY (1975: 175) and VÁRI et al. (2002: 168) without mention of HERRICH-SCHÄFFER's name.

5 References

ALBERTI, B. (1954): Über die stammesgeschichtliche Gliederung der Zygaenidae nebst Revision einiger Gruppen (Insecta, Lepidoptera). – Mitteilungen aus dem zoologischen Museum in Berlin **30**: 115–480, pls. 1–61.

BOISDUVAL, J.-B. A. DE (1875): Aperçu monographique du genre *Io*, l'un des démembrements de la grande famille des Saturnides. – Annales de la Société entomologique de Belgique **18**: 205–248, pl. 4.

BRÉVIGNON, C. (1996): Notes sur les Nemeobiinae de Guyane Française. I – Etude de sept groupes d'espèces jumelles du genre *Euselasia* Kirby, 1871 (Lepidoptera Riodinidae). – Lambillionea **96**: 722–732.

BRIDGES, C. A. (1993): Catalogue of the family-group, genus-group and species-group names of the Sphingidae of the World. Part VIII, II + 27 pp.; Urbana, Ill. (Privately printed).

BRIDGES, C. A. (1994): Catalogue of the family-group, genus-group and species-group names of the Riodinidae & Lycaenidae (Lepidoptera) of the world. Part IX, II + 135 pp.; Urbana, Ill. (Privately printed).

BRYK, F. (1934): Lymantriidae. – In: STRAND, E. (ed.): Lepidopterorum Catalogus. Pars **62**, 441 pp.; Berlin (Junk).

BRYK, F. (1936): Zygaenidae II. – In: STRAND, E. (ed.): Lepidopterorum Catalogus. Pars **71**, pp. 93–332; Berlin (Junk).

BRYK, F. (1937): Arctiidae. Subfam.: Callimorphinae et Nyctemerinae. – In: STRAND, E. (ed.): Lepidopterorum Catalogus. Pars **82**, 105 pp.; Berlin (Junk).

CARCASSON, R. H. (1976): Revised catalogue of the African Sphingidae (Lepidoptera) with descriptions of the East African species. 2nd edition, 149 pp., 17 pls. – Faringdon (Classey).

D'ABRERA, B. (1986): Sphingidae Mundi. Hawk Moths of the World, IX + 226 pp.; Faringdon (Classey).

D'ABRERA, B. (1994): Butterflies of the Neotropical Region. Part VI. Riodinidae, pp. I-VII, 880–1096; Black Rock (Hill House).

D'ABRERA, B. (1995a): Butterflies of the Neotropical Region. Part VII. Lycaenidae, pp. I-XI, 1097–1270; Black Rock (Hill House).

D'ABRERA, B. (1995b): Saturniidae Mundi. Saturniid moths of the world. Part I, 177 pp.; Keltern (Automeris Press), Melbourne & London (Hill House).

DALLA TORRE, K. W. V. (1913): Castniidae: Subfam. Castniinae, Neocastniinae, Pemphigostolinae. – In: WAGNER, H. (ed.): Lepidopterorum Catalogus. Pars **15**, 28 pp.; Berlin (Junk).

DALLA TORRE, K. W. V. (1923): Cossidae. – In: STRAND, E. (ed.): Lepidopterorum Catalogus. Pars **29**, 63 pp.; Berlin (Junk).

DRAUDT, M. (1919–1944): Eulenartige Nachtfalter. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. II. Abtheilung: Die Gross-Schmetterlinge des Amerikanischen Faunengebietes. 7. Band, 508 pp., 96 pls.; Stuttgart (Kernen).

DRAUDT, M. (1929–1930): 12. Familie: Saturnidae [sic]. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 6. Band. Die amerikanischen Spinner und Schwärmer, pp. 713–827; Stuttgart (Kernen).

DRAUDT, M. (1932–1934): 15. Familie: Notodontidae [except general part]. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 6. Band. Die amerikanischen Spinner und Schwärmer, pp. 905–1070; Stuttgart (Kernen).

EPSTEIN, M. E., GEERTSMA, H., NAUMANN, C. M. & TARMANN, G. M. (1999): 10. The Zygaenoidea. – In: KRISTENSEN, N. P. (ed.): Handbook of Zoology. IV: Arthropoda: Insecta. Part 35. Lepidoptera, moths and butterflies. Vol. 1: Evolution, systematics, and biogeography, pp. 159–180; Berlin, New York (de Gruyter).

FLETCHER, D. S. (1979): Geometroidea. – In: NYE, I. W. B. (ed.): The generic names of moths of the world. Vol. **3**, XX + 243 pp.; London (British Museum).

FLETCHER, D. S. & NYE, I. W. B. (1982): Bombycoidea, Castnioidea, Cossoidea, Mimallonoidea, Sesioidea, Sphingoidea, Zygaenoidea. – In: NYE, I. W. B. (ed.): The generic names of moths of the world. Vol. **4**, XIV + 192 pp.; London (British Museum).

FRAAS, O. (1888): Nekrolog des AUGUST KAPPLER. – Jahreshefte des Vereins für vaterländische Naturkunde in Württemberg **44**: 30–32.

GAEDE, M. (1926): III. Subfamilie: Hypsinae. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 14. Band. Die afrikanischen Spinner und Schwärmer, pp. 88–92; Stuttgart (Kernen).

GAEDE, M. (1927a): 11. [sic] Familie: Eupterotidae. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 14. Band. Die afrikanischen Spinner und Schwärmer, pp. 293–311; Stuttgart (Kernen).

GAEDE, M. (1927b): 11. [sic] Familie: Saturnidae [sic]. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 14. Band. Die afrikanischen Spinner und Schwärmer, pp. 317–347; Stuttgart (Kernen).

GAEDE, M. (1928): 15. Familie: Notodontidae. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 14. Band. Die afrikanischen Spinner und Schwärmer, pp. 401–444; Stuttgart (Kernen).

GAEDE, M. (1929): 23. Familie: Cossidae. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 14. Band. Die afrikanischen Spinner und Schwärmer, pp. 539–551; Stuttgart (Kernen).

GAEDE, M. (1934): Notodontidae. – In: STRAND, E. (ed.): Lepidopterorum Catalogus. Pars **59**, 351 pp.; Berlin (Junk).

GAEDE, M. (1936): 18. Familie: Epiplemidae. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 6. Band. Die amerikanischen Spinner und Schwärmer, pp. 1141–1170; Stuttgart (Kernen).

HACKER, H. (1999): Systematic list of the Lepidoptera of the Arabian Peninsula with a survey of the spread [sic] with special reference to the fauna of Yemen. – Esperiana **7**: 15–237.

HALL, J. P. W. (1998): A review of the genus *Sarota* (Lepidoptera: Riodinidae). – Tropical Lepidoptera **9**, suppl. 1: 1–21.

HALL, J. P. W. (1999): A revision of the genus *Theope*. Its systematics and biology (Lepidoptera: Riodinidae: Nymphidiini), VIII + 127 pp.; Gainesville (Scientific Publishers).

HAMPSON, G. F. (1898): Catalogue of the Lepidoptera Phalaenae in the British Museum. Vol. I. Catalogue of the Syntomidae in the collection of the British Museum, XXI + 559 pp.; London (British Museum).

HÄUSER, C. L., STEINER, A. & HOLSTEIN, J. (in prep.): The Lepidoptera taxa described in G. A. W. HERRICH-SCHÄFFER's "Aussereuropäische Schmetterlinge" (1850–1869): Information about type material and localities from the original publication.

HAVERSCHMIDT, F. (1973): AUGUST KAPPLER als ornithologischer Sammler und Beobachter in Surinam. – Stuttgarter Beiträge zur Naturkunde, Serie A (Biologie) **260**: 20 pp.

HEMMING, F. (1937): HÜBNER. A bibliographical and systematic account of the entomological works of JACOB HÜBNER and of the supplements thereto by CARL GEYER[,] GOTTFRIED FRANZ VON FRÖLICH and GOTTLIEB AUGUST WILHELM HERRICH-SCHÄFFER. Vol. **1**: XXXIV + 605 pp., 1 frontispiece; Vol. **2**: IX + 274 pp.; London (Royal entomological Society).

HERING, M. (1926–1927): Lymantriidae. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 14. Band. Die afrikanischen Spinner und Schwärmer, pp. 129–204; Stuttgart (Kernen).

HERRICH-SCHÄFFER, G. A. W. (1855): Synopsis familiarum Lepidopterorum. – In: HERRICH-SCHÄFFER, G. A. W. (1843–1856): Systematische Bearbeitung der Schmetterlinge von Europa, zugleich als Text, Revision und Supplement zu JAKOB HÜBNER's Sammlung europäischer Schmetterlinge. Vol. **6,** pp. 82–133; Regensburg (Manz).

HERRICH-SCHÄFFER, G. A. W. (1850–1858): Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge, 84 pp., 120 pls.; Regensburg (Manz).

HERRICH-SCHÄFFER, G. A. W. (1864–1871): Prodromus Systematis Lepidopterorum. Versuch einer systematischen Anordnung der Schmetterlinge. – Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg **18**: 89–112, 123–136, 148–152, 173–174; **21**: 100–106, 124–128, 138–144, 161–172; **22**: 119–138, 172–176; **23**: 56–64, 67–77, 130–141, 163–172, 184–204; **24**: 154–160; **25**: 103–104.

HERRICH-SCHÄFFER, G. A. W. (1869a): Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge. Zweiter Band, 4 pp., 8 pls.; Regensburg (Manz).

HERRICH-SCHÄFFER, G. A. W. (1869b): Neue Schmetterlinge aus dem "Museum GODEFFROY" in Hamburg. Erste Abtheilung: die Tagfalter. – Entomologische Zeitung [Stettin] **30** (1–3): 65–80, pls. 1–4.

HOFMANN, O. (1874): Necrolog. – Entomologische Zeitung [Stettin] **35**: 277–284.

HOPP, W. (1928): 16. Familie: Megalopygidae. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 14. Band. Die afrikanischen Spinner und Schwärmer, pp. 445–446; Stuttgart (Kernen).

HORN, W. (1937): Über entomologische Sammlungen, Entomologen & Entomo-Museologie (Ein Beitrag zur Geschichte der Entomologie). II. Kapitel: Über die vergangenen Zeiten der Liebhaber-Kreise in Mittel-Europa. – Entomologische Beihefte aus Berlin-Dahlem **4**: 389–430.

HORN, W., KAHLE, I., FRIESE, G. & GAEDIKE, R. (1990): Collectiones entomologicae. Ein Kompendium über den Verbleib entomologischer Sammlungen der Welt bis 1960. Teil I und II, 573 pp.; Berlin (Akademie der Landwirtschaftswissenschaften der Deutschen Demokratischen Republik).

JANSE, A. J. T. (1937): The moths of South Africa. Vol. III. Cymatophoridae, Callidulidae and Noctuidae (Partim), pp. 1–144; Durban (E. P. & Commercial Printing Co.).

JANSE, A. J. T. (1938): The moths of South Africa. Vol. III. Cymatophoridae, Callidulidae and Noctuidae (Partim), pp. 145–320; Durban (E. P. & Commercial Printing Co.).

KAPPLER, A. (1881): Holländisch Guiana. Erlebnisse und Erfahrungen während eines 43jährigen Aufenthalts in der Kolonie Surinam, XI + 495 pp., 1 map; Stuttgart (Kohlhammer).

KAPPLER, A. (1887): Surinam, sein Land, seine Natur, Bevölkerung und Kulturverhältnisse mit Bezug auf Kolonisation, 384 pp.; Stuttgart (Cotta).

KIRBY, W. F. (1871): A synonymic catalogue of Diurnal Lepidoptera, V + 690 pp.; London (van Voorst) / Berlin (Friedländer).

KIRBY, W. F. (1892): A synonymic catalogue of Lepidoptera Heterocera. (Moths.), XII + 951 pp.; London (Gurney & Jackson) / Berlin (Friedländer).

KITCHING, I. & CADIOU, J.-M, (2000): Hawkmoths of the world. An annotated and illustrated revisionary checklist (Lepidoptera: Sphingidae), VIII + 226 pp., 8 pls.; London, Ithaca (Natural History Museum, Cornell University Press).

KÖNIG, C. (1991): Forschungsreisende und ihre Verdienste um den Aufbau der zoologischen Sammlung. – Stuttgarter Beiträge zur Naturkunde, Serie C (Allgemeinverständliche Aufsätze) **30**: 21–37.

KRAATZ, G. (1875): Necrologe und Todesanzeigen. – Berliner entomologische Zeitschrift **19**: 437–438.

KRAUSS, F. (1849): Nekrolog des Freiherrn VON LUDWIG. – Jahreshefte des Vereins für vaterländische Naturkunde in Württemberg **4**: 272–277.

KRAUSS, F. (1973): Travel journal / Cape to Zululand. Observations by a collector and naturalist 1838–40, ed. by SPOHR, O. H., 90 pp., 1 map; Cape Town (A. A. Balkema).

KRISTENSEN, N. P. (ed.) (1999): Lepidoptera, Moths and Butterflies. Vol. 1: Evolution, Systematics, and Biogeography. – In: Handbook of Zoology. IV. Arthropoda: Insecta. Part 35, VI + 491 pp.; Berlin, New York (de Gruyter).

LAMAS, G. (1995): A critical review of J. Y. MILLER's checklist of the Neotropical Castniidae (Lepidoptera). – Revista peruana de Entomología **37**: 73–87.

LAMAS, G. et al. (in press): Checklist: Part 4A. Hesperioidea – Papilionoidea. – In: HEPPNER, J. B. (ed.): Atlas of Neotropical Lepidoptera; Gainesville (Association for Tropical Lepidoptera).

LEMAIRE, C. (1974): Révision du genre *Automeris* Hübner et des genres voisins. Biogéographie, éthologie, morphologie, taxonomie (Lep. Attacidae) (suite et fin). – Mémoires du Muséum d'Histoire naturelle, nouvelle Série, Série A, Zoologie **92**: 423–576, pls. 50–61.

LEMAIRE, C. (1996): 117. Saturniidae. – In: HEPPNER, J. B. (ed.): Atlas of Neotropical Lepidoptera, 5B. Checklist: Part 4B. Drepanoidea – Bombycoidea – Sphingoidea, pp. 28–49; Gainesville, Washington, Hamburg, Lima, Taipei, Tokyo (Association for Tropical Lepidoptera, Scientific Publishers).

LEMAIRE, C. (2002): The Saturniidae of America. Les Saturniidae americains (= Attacidae). 4. Hemileucinae. 3 vols., 1388 pp., 140 pls.; Keltern (Goecke & Evers).

MILLER, J. Y. (1995): 82. Castniidae. – In: HEPPNER, J. B. (ed.): Atlas of Neotropical Lepidoptera, 3. Checklist: Part 2. Hyblaeoidea – Pyraloidea – Tortricoidea, pp. 133–137; Gainesville, Washington, Hamburg, Lima, Taipei, Tokyo (Association for Tropical Lepidoptera, Scientific Publishers).

MÖSCHLER, H. B. (1883): Beiträge zur Schmetterlings-Fauna von Surinam. V. – Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien **32**: 303–362, pls. 17–18.

NICOLAY, S. S. (1982): Studies in the genera of American Hairstreaks. 6. A review of the Hubnerian [sic] Genus *Olynthus* (Lycaenidae: Eumaeini). – Bulletin of the Allyn Museum **71**: 1–30.

PINHEY, E. C. G. (1975): Moths of Southern Africa. Descriptions and colour illustrations of 1183 species, [12] + 275 pp., 63 pls.; Cape Town (Tafelberg).

POOLE, R. W. (1989): Lepidopterorum Catalogus (New Series). Fasc. 118. Noctuidae. Parts 1–3, XII + 1314 pp.; Leiden, New York, Copenhagen, Köln (E. J. Brill).

PROUT, L. B. (1932–1938): Die amerikanischen Spanner. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 8. Band, 136 pp., 17 pls.; Stuttgart (Kernen).

ROBBINS, R. K. & LAMAS, G. (2002): Nomenclatural changes in the Neotropical Eumaeini (Lepidoptera: Lycaenidae: Theclinae). – Revista brasileira de Zoologia **19** (suppl. 1): 197–214.

SCHOORL, J. W. (1990): A phylogenetic study on Cossidae (Lepidoptera: Ditrysia) based on external adult morphology. – Zoologische Verhandelingen **263**: 1–295.

SCHÜSSLER, H. (1933): Saturniidae. – In: STRAND, E. (ed.): Lepidopterorum Catalogus. Pars **55**, pp. 1–769; Berlin (Junk).

SCHÜZ, E. (1967): Baron VON LUDWIG in Kapstadt und seine Briefe an FERDINAND KRAUSS in Port Natal 1838. – Jahreshefte des Vereins für vaterländische Naturkunde in Württemberg **122**: 47–62.

SCOBLE, M. J. (1990a): A catalogue of the Hedylidae (Lepidoptera: Hedyloidea), with description of two new species. – Entomologica scandinavica **21**: 113–119.

SCOBLE, M. J. (1990b): An identification guide to the Hedylidae (Lepidoptera: Hedyloidea). – Entomologica scandinavica **21**: 121–158.

SCOBLE, M. J. (ed.) (1999): Geometrid Moths of the World. 2 vols., XXV + 1016 + 129 pp., 1 CD-ROM; London, Collingwood, Stenstrup (Natural History Museum, CSIRO Publishing, Apollo Books).

SEITZ, A. (1926): 3. Familie: Syntomidae. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 14. Band. Die afrikanischen Spinner und Schwärmer, pp. 41–59; Stuttgart (Kernen).

STAUDINGER, O. (1884–1888): Exotische Tagfalter in systematischer Reihenfolge mit Berücksichtigung neuer Arten. 1. Band. Beschreibungen, 333 pp., 1 map. – In: STAUDINGER, O. & SCHATZ, E. (1884–1892): Exotische Schmetterlinge, 3 vols. – Fürth (Löwensohn).

STICHEL, H. (1920): Vorarbeiten zu einer Revision der Riodinidae Grote (Erycinidae Swains.) (Lep. Rhop.) IV. (Schluss). – Deutsche Entomologische Zeitschrift **1919** (3/4): 289–325.

STICHEL, H. (1930): Riodinidae. – In: STRAND, E. (ed.): Lepidopterorum Catalogus. Pars **38**, **40**, **41**, pp. 1–720; Berlin (Junk).

STRAND, E. (1913): *Castnia*. – In: SEITZ, A. (ed.): Die Gross-Schmetterlinge der Erde. 6. Band. Die amerikanischen Spinner und Schwärmer, pp. 7–19; Stuttgart (Kernen).

VÁRI, L., KROON, D. & KRÜGER, M. (2002): Classification and checklist of the species of Lepidoptera recorded in Southern Africa, XXI + 384 pp.; Chatswood (Simple Solutions Australia).

WALKER, F. (1856): Sphingidae. – List of the specimens of lepidopterous insects in the collection of the British Museum, **8**: 1–271; London.

WATSON, A., FLETCHER, D. S. & NYE, I. W. B. (1980): Noctuoidea (part). – In: NYE, I. W. B. (ed.): The generic names of moths of the world. Vol. **2**, XIV + 228 pp.; London (British Museum).

Authors' addresses:

Dr. CHRISTOPH L. HÄUSER (e-mail: chaeuser@gmx.de),
DANIEL BARTSCH (e-mail: daniel.bartsch@gmx.de),
Dr. JOACHIM HOLSTEIN (e-mail: holstein.smns@naturkundemuseum-bw.de),
AXEL STEINER (e-mail: a-steiner@web.de),
Staatliches Museum für Naturkunde, Rosenstein 1, 70191 Stuttgart, Germany

Manuscript received: 2.X.2003, accepted: 16.X.2003.

ISSN 0341-0145

Autoren-Richtlinien: http://www.naturkundemuseum-bw.de/stuttgart/schriften
Schriftleitung: Dr. Hans-Peter Tschorsnig, Rosenstein 1, 70191 Stuttgart
Gesamtherstellung: Gulde-Druck GmbH, 72072 Tübingen